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RELIABILITY, VALIDITY AND FAVORABILITY OF SELECTED INDICATORS OF BEHAVIORAL CHANGE IN CHILDREN.

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THIS STUDY WAS DESIGNED TO DETERMINE THE RELIABILITY, VALIDITY, AND SOCIAL FAVORABILITY RATINGS OF 941 ITEMS THAT WERE THOUGHT TO BE DESCRIPTIVE OF CHANGE IN CHILDREN'S BEHAVIOR. THIS POOL OF ITEMS COULD THEN BE USED FOR SCALES MEASURING THE OUTCOME OF COUNSELING AND PSYCHOTHERAPY WITH CHILDREN. THE VALIDATION AND CROSS-VALIDATION SAMPLES INCLUDED 50 PARENTS EACH WHO RATED THE ITEMS ACCORDING TO THEIR CHILD'S BEHAVIOR AT THE BEGINNING AND END OF TREATMENT AT THE RILEY CHILD GUIDANCE CLINIC. INDEPENDENT THERAPISTS ALSO RATED THE CHILD'S PROGRESS IN TREATMENT THROUGH THE RESULTS RECORDED BY THE CLINIC STAFF. A SEPARATE PARENT SAMPLE WAS USED FOR RATING SOCIAL FAVORABILITY OF THE ITEMS. CORRELATIONS OF RATINGS SHOWED THAT THE MAJORITY OF THE ITEMS INVESTIGATED WERE RELIABLE IN FAVORABILITY AND VALIDITY ON A TEST-RETEST RELIABILITY CHECK. THE VALIDITY OF THE ITEMS COULD NOT BE DEMONSTRATED BECAUSE A GIVEN ITEM APPEARED CLOSELY TIED TO THE PRESENTING PROBLEM OF THE CHILD. THE PROJECT IMPLICATIONS ARE THAT FOUR SCALES FOR MEASURING OUTCOMES OF TREATMENT FOR CHILDREN WITH SPECIFIC PROBLEMS SHOULD BE DEVELOPED FROM THE ITEMS INVESTIGATED. (NS)

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Cooperative Research Project No. 6-8554

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Problem on which the research was focused: This project was concerned with the problem of measuring the outcome of counseling or psychotherapy for children. Previous research has failed to yield objective and quantifiable measures for assessing the efficacy of treatment in children. Subsequently, outcome studies of counseling and psychotherapy for children, have generally been of poor methodological quality, and the frequency of such studies has decreased markedly over the past few years. The present study attempts to investigate a large pool of 941 items describing changes in children's behavior as viewed by parents. It is hoped that these objective items describing behavioral change in children might later be formed into objective measures of outcome. It is also hoped, because these items are constructed for use by parents, that subsequent researchers would make use of the extensive observations which parents have of their own children to measure treatment outcome.

Objectives and/or hypotheses: It is hoped that this study will yield a pool of 941 objective items which have been refined to the extent that their reliability, validity and social favorability are known. Hopefully, subsequent research can be designed to shape and validate scales which are comprised of the items from this pool. Such scales could then be used as quantifiable measures of the outcome of counseling and psychotherapy for children.

Related Research: Previous studies which have attempted to measure the outcome of treatment for children have generally relied on subjective reports of therapists and/or parents (Ellis, 1935; Witmer, 1935; Hubbard, 1936; Irgens, 1936; Albright, 1938; Maberly, 1939; Shirley, Baum and Polsky, 1940; Mann, 1942; Bronner, 1944; Brown, 1947; Rich, 1948; Jacobsens, 1948 and Morris, 1954). A study which is representative of those presented above but which has been described as superior in design by Heinicke and Goldman (1960) was conducted by Witmer and Keller (1942). This study compared a group of children who had treatment at a child guidance clinic with a group who had only diagnostic work. The children were evaluated directly following treatment and at a later date. Cases were judged as successful, partially improved or unsuccessful by the clinic staff. Children who received treatment were reportedly shown to exhibit a significantly higher percentage of successful adjustment adjustment at follow-up as opposed to partial improvement than had a control group.

Pascol and Zax (1956) felt that behavior change must be the criterion employed to demonstrate improvement following psychotherapy. Their outcome study included five children among 30 subjects of various ages. They determined the major presenting symptoms of their subjects and measured the improvement in these symptoms following treatment. They concluded that behavior can be changed in the predicted direction with the use of well established principles known to the science of psychology.

Seeman, Barry and Ellinwood (1963) studied change in interpersonal responses as measured by two scales for a play therapy group and a control group. Pre- and post-therapy scores on the Tuddenheim Reputation Test and the Radke-Yarrow Teacher Rating Scale were compared. They found that the group of children who had received individual play therapy exhibited significant positive contrasts with the control group on the Tuddenheim

Reputation Test. Further, they found that teacher ratings of aggression for the aggressive therapy group were significantly lower than were those ratings for the control group.

Mehlman (1953) reported the utilization of a scale to assess the extra-therapy functioning of children on the basis of behavior. He employed the Haggerty-Olson-Wickman Behavior Rating Schedules. This scale is composed of two separate schedules. The first schedule includes 15 items most of which relate to problems of discipline. These problems can be rated for frequency of occurrence. The second schedule presents 35 graphic five-point scales relating to emotional, physical, social and intellectual traits. No reliability data are available on the first schedule. However, a composite score on the first and second schedule was found to correlate .76 with frequency of referral for discipline or other action by the school principle (Buros, 1941). Mehlman found that institutionalized, retarded children who received non-directive group play therapy showed a statistically significant increase in adjustment as measured by this scale. Improvement was rated by the children's teachers.

Levitt (1963), in a review of the literature on the outcome of psychotherapeutic treatment of children, concluded that the effectiveness of psychotherapy with children has not been demonstrated empirically. Levitt's review examined 22 studies that were published from 1929 to 1955. He compared the percentage of improvement reported for therapy groups and for control groups.

Heinicke and Goldman (1960) were more supportive of psychotherapy with children. They came to the conclusion that children who received treatment showed a significantly higher percentage of successful adjustment than did children of control groups who showed a higher percentage of partial adjustment. They stated that the superior adjustment of therapy groups as compared with control groups was maintained following treatment. They further suggested that children with varied problems be evaluated separately. Separate evaluations were felt to be desirable because a change which may indicate improvement in the child with one type of problem may indicate the opposite in a child with a different type of problem.

Both the review article by Levitt and the review article by Heinicke and Goldman presented conclusions based upon the percentage of improved and unimproved cases in various research groups drawn from selected studies. Comparisons of such groups are not meaningful in the absence of a common objective measure which is utilized in all the studies being compared.

The sparseness with which outcome studies of child treatment have appeared in the more recent literature is possibly a result of the fact that there is no validated, quantifiable means of measuring outcome. Without research, treatment methods cannot be expected to improve with any degree of rapidity, if at all. Further, as indicated above, the absence of quantifiable measures for evaluating therapy outcome makes valid comparisons between various therapeutic populations reported in the studies already conducted virtually impossible. For instance, in the previous outcome studies which have relied on subjective estimates of improvement, there has been no means of determining how a group rated "much improved" compared with groups in other

studies which received the same rating. The availability of a quantifiable measure would make possible the comparison of research results across studies.

Although subjective professional evaluation is presently available as a measure of outcome, it would be difficult to refine this type of improvement measure. However, a scale composed of items that have been validated for assessing improvement in psychotherapy could be subjected to further predictive and construct validation. The refined scales which would result from such research efforts could yield increasingly effective means for assessing the adequacy of psychotherapy with children.

It is hoped that quantifiable and comparable criteria of therapy outcome would stimulate research attempts to explore the value of existing psychotherapeutic methods and to divise more effective means of dealing which children's psychological problems. Riess (1960, p. 410) stated that research in psychotherapy is "imperative if any progress is to be made toward understanding what it is that we are doing in our therapeutic hours". A few figures concerning the percentage of improved cases in a treatment group as rated by a therapist is an inadequate criterion of outcome.

It is anticipated that various types of scales derived from the items generated and refined in this study could serve as possible criteria of improvement. Check-lists, Q-sorts, and forced-choice scales are considered to be likely forms which might be derived from the investigated pool of items.

A forced-choice scale would seek to prevent parents from biasing the evaluation of a change in their child's behavior in the direction of the socially desirable response. Such a scale, if successfully constructed, would allow the researcher to capitalize on the more extensive opportunity that the parent had for child observation without sacrificing objectivity.

Procedure: This study involved two investigations. The first investigation comprised the major area of study. It was designed to determine the reliability and validity of 941 items that were thought to be descriptive of change in children's behavior. The second investigation was designed to determine the social favorability ratings for these 941 items.

The subjects who participated in the validity investigation and the favorability investigation were sampled independently. For the sake of clarity, the methods employed for each investigation are presented separately.

Item Reliability and Item Validity Investigation

Subjects

Subjects included 101 parents whose children had terminated treatment within the preceding two years at the Riley Child Guidance Clinic at the Indiana University Medical Center in Indianapolis, Indiana. Each respondent was paid five dollars for completing the questionnaire. Many of the respondents had been in treatment themselves in conjunction with their child's treatment.

Specifically, the validation sample included 51 parents. This sample was comprised of 21 husband-wife pairs and 9 individuals. All subjects responded to a total 941 item questionnaire independently. The cross-validation sample included 50 parents. This sample was comprised of 21 husband-wife pairs and 8 individuals. The cross-validation sample was drawn from the subject pool by selecting every other case. Again, all subjects responded to the total 941 item questionnaire independently. No parent was included whose child had been seen at the clinic for less than six therapy sessions. In many cases, the number of interviews exceeded 50. Table 1 presents information regarding the educational and occupational level of the head of the household for the parent respondents.

Item Pool

The 941 items, describing behavioral change in children, were collected by requesting that selected individuals list changes which they felt might occur in a child's behavior as a result of psychotherapeutic treatment. These individuals included 1,000 general psychology college students, 45 psychology graduate students and 5 psychology staff members, all at Purdue University.

Approximately 15,000 items were submitted. These items were edited to eliminate duplicate items and to word the items in a manner which would facilitate their inclusion into a psychometric scale. Items were included that, in the author's judgment, described a positive change in behavior as well as those that described change that was considered negative. Often, opposite forms of the same item were employed. A "positive" item was defined as one that described a change of behavior that was viewed as desirable by the author. The reverse was true of "negative" items. An example of a positive item would be, "My child bites his nails less". An example of a negative item would be "My child bites his nails more". The 941 items which remained were divided at random into two sets with approximately 470 items in each set.

Data Collection

Respondents in both the validation and cross-validation samples rated the 941 items which have been described above. All parents were asked to rate Set 1. After a period of approximately one week they were asked to rate Set 2. Parents then re-rated either Set 1 or Set 2 after an additional period of one to two weeks. Approximately one-half of the subjects re-rated Set 1 while the other one-half of the subjects re-rated Set 2. The assignment of a given set to be rated by a subject was determined at random.

Respondents were requested to compare their child's behavior at the beginning at at the end of treatment. Parents rated the item on 1-9 Likert-type scale. Subjects were provided the option to rate the item to indicate that no change had occurred in their child from the beginning to the end of treatment. They could also rate the item to indicate that the statement did not apply to their child. Such a rating could occur when their child had not shown the behavior described by the item either at the beginning or at the end of treatment. The following instructions were given to all respondents:

Table 1. Levels of Education and Occupation of Household Head for the Respondents to the Validity Items

	Validation Sample			Cross-Validation Sample		
	Not High School Graduate	High School Graduate	Training Beyond High School	Not High School Graduate	High School Graduate	Training Beyond High School
Highest Level of Occupation(semi-professional or professional)		6			1	8
Median Level of Occupation (skilled)	4	10	3	2	10	2
Lowest Level of Occupation (unskilled)	2	4	1	2	4	

Table 2. Age and Sex of Children[1] In Validation and Cross-Validation Samples

	Validation Sample		Cross-Validation Sample	
	Male Children	Female Children	Male Children	Female Children
Children 12 years and younger	11	3	11	7
Children 13 years and older	10	6	9	1

[1] Information for one child was not available.

On the following pages are some statements for you to rate. These statements describe possible changes in your child's behavior which may have occurred during counseling or psychotherapy.

When rating each statement, consider your child's behavior at the end of treatment. Ask yourself the question, "How true (accurate) was this statement of my child at the end of treatment?"

Opposite each statement are nine numbers. These numbers represent the degree of change which took place in your child's behavior during treatment. The numbers range from #9, (my child definitely changed in that direction during treatment) to #1, (my child changed very much in the opposite direction during treatment). The number 5 is to be used to indicate that there was no change in the behavior described by the statement during treatment.

Each statement includes the word "more" or the word "less". When rating your child, do not compare him to other children. Rather, compare his behavior at the beginning of treatment with behavior at the end of treatment. If your child never behaved as a statement describes, neither before nor at the end of treatment, circle #5, since this particular behavior has not changed. The same would be true if he behaved very much in the way described by a given item both at the beginning and at the end of treatment. Again, there has been no change, so circle #5.

For each statement, circle one of the nine numbers to show the degree of change which took place in your child's behavior during treatment.

True Statements

Circle the 9 if you feel the statement was very true (accurate) in describing the change which took place in your child during treatment. (Circle the 8 if the statement was true, but slightly less than very true.)

Circle the 7 if you feel the statement was moderately true in describing the change which took place in your child during treatment. (Circle the 6 if the statement was slightly less than moderately true.)

Untrue Statements

Circle the 1 if you feel the statement was very untrue (inaccurate) in describing the change which took place in your child during treatment. This would be the case if your child's behavior changed very much in the opposite direction to what is described in the item. (Circle the 2 if the statement was untrue but slightly less than very untrue.)

Circle the 3 if you feel the statement was moderately untrue in describing the change which took place in your child during treatment. (Circle the 4 if the statement was slightly less than moderately untrue.)

Neutral Statements

Circle the 5 if you feel there was no change in the behavior described by the statement. No change would apply if your child never showed the behavior described by the statement or if your child showed no change in the behavior from the beginning to the end of treatment.

Summary of Instructions

(1) Compare your child's behavior at the beginning and at the end of treatment.
(2) Circle the number after each item that shows how true the item is in describing the change in your child's behavior.
(3) Use #5 to indicate no change in behavior or to indicate that the statement does not apply to your child.

Criterion Measures: Judges' Ratings of Therapeutic Success

The degree of success (or lack of success) of treatment for 59 child therapy patients whose parents had served as respondents in the validation and cross-validation investigations was assessed. Treatment success was rated on an 11-point Likert-type scale (see Figure 1) by three experienced therapists: a child psychiatrist, a child psychologist and an elementary school guidance specialist. The therapists, who independently rated the success of treatment, were not associated with the Riley Clinic, where the patients were treated.

The ratings were based on the recorded results of extensive treatment reviews by the clinic staff, which were conducted at three-month intervals during treatment and upon termination of treatment. Treatment reviews included descriptions of a child's and the parents' behavior and progress in treatment. Recommendations for future treatment also were included.

Inter-rater reliability of the therapists' ratings was determined by computing Pearson product-moment correlation coefficients between the ratings of these judges. The arithmetic mean of the judges' ratings for a given case served as the index of the degree of therapeutic or counseling success.

Data Analysis

Intra-rater reliability of the parent' ratings was obtained by computing Pearson product-moment correlation coefficients between the first rating and the second rating of the subjects for all items within a given set. The .05 level was regarded as the critical level of significance throughout this study.

Second, the ratings by parents on all 941 items were then correlated with the degree of success of treatment as determined by the three judges. Pearson product-moment correlation coefficients were used to assess the correlation between the judges' ratings of improvement of the children and

of the parents' ratings of the item. All items were then cross-validated by dividing the sample of 101 into the validation (N=51) cross validation (N=50) sample described earlier and obtaining two additional validity coefficients based on the two sub samples. Separate validity coefficients were computed for subgroups of the subject sample ordered according to a number of variables. These variables included: (1) sex of parent; (2) level of occupation of the male parent; (3) sex of child; (4) age of child; and, (5) major presenting problems of the child. Five major categories were selected by the author to include the majority of the presenting problems that were exhibited by the children of the respondents. Generally, two major presenting problems were considered for each child. If more than two presenting problems were reported for a child, only the two major problems considered most important by the author were selected for study. On the other hand, a few children exhibited only one presenting problem. On the basis of the presenting problems reported for a given child, the author classified the child under one or two of the five major presenting problem categories. Because the presenting problems reported for a child frequently were of a diverse nature, children often were studied under more than one category. Table 2 presents information regarding the sex and age distribution for the 59 children of respondents. The number of the respondents' children who were included in a given presenting problem category is shown in Table 3.

Favorability Investigation

These subjects included 66 parents whose children had terminated treatment within the preceding three years at one of three outpatient psychiatric clinics: (1) The Psychological Services Center, Purdue University, West Lafayette, Indiana; (2) The Tippecanoe County Mental Health Center, West Lafayette, Indiana; and, (3) The Guidance Center of Howard County, Inc., Kokomo, Indiana. There were 26 husband-wife pairs with both members responding to a separate set of items. Fourteen parents participated in the study without the other marriage partner. Table 4 presents information regarding the educational and occupational level of the head of the household for the parent respondents. No parent was included whose child had been seen at a clinic for less than six interviews. However, in many cases the number of interviews exceeded 100.

Data Collection

Parents in the favorability sample rated the 941 items which have been described in the preceding section. Parents were asked to rate the items in their set according to how willing they would have been, at the time their child terminated treatment, to admit that he changed in the direction indicated by an item. The number of items included in each set was the same as that employed in the validity study. When both parents in a family responded to the items, one parent rated only the first set of items while the other parent rated only the second set of items. Parents were asked to re-rate the items in their set after a period of one or two weeks in order to provide information on item reliability. Parents rated the items on a 1-9 Likert-type scale. These ratings were of parents' willingness to admit to certain changes, and not of whether these changes did or did not occur. The following instructions were given to all respondents:

> On the following pages are some statements for you to rate. These statements describe possible changes in a child's behavior

Table 3. Number of Respondents' Children Included in a Given Presenting Problem Category

Categories of Presenting Problems	Validation Sample	Cross-Validation Sample
School Achievement	5	15
Fears and Anxiety	6	5
Depression	8	6
Discipline	13	10
Social-Sexual	4	9

after counseling or psychotherapy.

When rating each statement, do not consider your own child's actual behavior. Instead, assume in each case that these changes did take place in your child. Then ask yourself, "At the end of treatment, how easy would it have been for me to admit that the statement was true?" Some statements are easier to admit than are others.

Opposite each statement are nine numbers. These numbers represent your degree of willingness to admit that the statement was true at the end of treatment. They range from number 1, very unwilling, to number 9, very willing. For each statement, circle one of the nine numbers to express how willing you would have been to admit that the change had occurred.

Circle the 8 or 9 if you would have been very willing to admit that the statement was true (that is, very easy to admit).

Circle the 6 or 7 if you would have been somewhat willing to admit that the statement was true (that is, somewhat easy to admit).

Circle the 5 if you would have had no opinion one way or the other.

Circle the 3 or 4 if you would have been somewhat unwilling to admit that the statement was true (that is, somewhat hard to admit).

Circle the 1 or 2 if you would have been very unwilling to admit that the statement was true (that is, very hard to admit).

Summary of Instructions

(1) Do not consider your own child's behavior in rating the items.
(2) Instead, assume that the statements are true.
(3) Then pick one of the nine numbers to express how easy it would have been for you to admit at the end of treatment that each statement was true.

Data Analysis

The items in Set 1 and Set 2 were analyzed separately. Intra-rater reliability was obtained by computing Pearson product-moment correlation coefficients between the first and second favorability ratings of the subjects for all items within a set.

A frequency count of the rating values chosen for each item was computed to provide information regarding the distribution of the ratings. The standard deviation of the parents ratings on each reliable item was utilized as an index of the consistency among raters.

Table 4. Levels of Education and Occupation of Household Head for the Respondents[1] to the Favorability Items.

	Not a High School Graduate	High School Graduate	Training Beyond High School
Highest Level of Occupation (semi-professional or professional	1		6
Median Level of Occupation (skilled)	6	12	2
Lowest Level of Occupation (unskilled)	6	5	

[1] Information for two respondents was not available.

Analysis of the data and findings: Pearson product-moment correlation coefficients were computed for the three judges' ratings of improvement for the 59 children of respondents. Coefficients were found to be .96 or above indicating a high degree of inter-rater reliability among the judges. See Appendix C for the ratings submitted by each judge for each of the 59 children. Appendix C also includes the mean of the three judges' ratings for each of the children in the validity sample was found to be 2.69.

Parents' Ratings of Social Favorability

Test-retest reliability for the parents' ratings of social favorability was established for 909 items. From a pool of 941 items, fewer than 59 items would be expected to be reliable by chance ($p = .05$). None of the 941 items obtained a favorability index of less than 3.49 on the 1-9 Likert-type scale. Only 24 of the 941 items obtained a favorability index between 3.50 and 6.49 on the 1-9 Likert-type scale. The remaining 917 items obtained favorability indices falling between 6.5 and 9.0. The favorability index, standard deviation of these favorability ratings and the test-retest reliability of the favorability ratings are shown in Appendix A.

Parent's Ratings of Behavioral Change

Only 64 of the 941 items obtained a validity coefficient in excess of .19 which is necessary for significance at the .05 level (n=101). Since 47 items out of 941 would be expected to obtain significance by chance alone. the number of significant items exceeds that which would be expected by chance alone by 17. Only one of the 64 items survived cross-validation. This does not exceed that frequency which could be expected by chance alone.

Test-retest reliability for the parents' ratings of behavioral change in their children was established for 707 of the 941 items. Less than 59 such items would be expected to be reliable by chance alone ($p = .05$). The item validity coefficient based on the ratings of all 101 parents, a validity coefficient based on a validity sample of 51 parents, item validity based on a cross-validity sample of 50 parents, and the test-retest reliability of the validity ratings are also shown in Appendix A.

Fewer valid items than would be expected by chance were also obtained when the data were analyzied according to the following sub groups: (1) parental socioeconomic categories; (2) sex of parent categories; (3) male child category. However, the following conditions produced a number of valid items which would exceed the chance expectancy: (1) all presenting problem categories; (2) age of child categories; (3) female child category. The number of reliable items that were found to be valid and cross-validated for each of the 15 subcategories are presented in Table 5.

As can be seen from Table 5, the number of cross-validated items found in the "Depression" category and the "Fears and Anxiety" category exceed the number that would be expected to occur by chance. Six reliable items were found to be cross-validated when the presenting problem category of "Depression" was analyzied. Further, 26 reliable items were found to be cross-validated when the presenting category of "Fears and Anxiety" was analyzied. Table 6 gives the validity coefficients for the reliable, valid and cross-validated items in the two categories of "Depression" and "Fears". The reader will note

Table 5. The Number of Reliable Items Found to be Validated and Cross-Validated when Analyzed under Subgroup Conditions

Condition	Number of Items	
	Validated	Cross-Validated
General (All Subjects)	12	No Analysis
Sex of Parent		
Mothers	12	No Analysis
Fathers	13	No Analysis
Socio-Economic Level of Parent		
Low	10	No Analysis
Medium	16	No Analysis
High	33	No Analysis
Sex of Child		
Female	55*	0
Male	16	No Analysis
Age of Child		
Under 12	38*	3
Over 13	44*	2
Presenting Problem Category		
School Achievement	37*	0
Social-Sexual	36*	0
Discipline	71*	2
Depression	51*	6*
Fears and Anxiety	73*	26*

* Frequency exceeded chance expectancy.

that the validity coefficients shown in Table 6 do not match those in Appendix A. The reason for this is that the validity coefficients in Appendix A are based on all 101 subjects. The validity coefficients in Table 6 are based on only those subjects whose children had the presenting problem of either depression or fear.

Conclusions and Implications: The first conclusion that must be reached is that this investigation did not produce a significant number of items which can serve as omnibus predictors of therapeutic change in children. Of the 941 items investigated, the overwhelming majority were found to be reliable in terms of both their test-retest reliability for favorability ratings and their test-retest reliability under validity ratings. The problem was that the validity of these items could simply not be demonstrated. However, a few rather interesting as well as significant findings have emerged from this study. In conjunction with measuring the therapeutic gain of children whose presenting problem is either that of depression or fears and anxiety, 6 items have been identified which could comprise a brief, but possibly valid and otherwise valuable scale for measuring the outcome of counseling or psychotherapy with children whose presenting problem is that of depression. One scale would be a simple 6 item 1-9 Likert-type rating scale utilizing items 1, 97, 99, 207, 334 and 878. A second scale could be comprised along the forced choice dimensions using the same 6 items. Six additional items possessing equal favorability with one of the original 6 could then be obtained and these 12 items formed into a 6 item forced-choice scale. In addition to measuring the outcome of treatment for children whose presenting problem is that of depression, the forced-choice type scale would hopefully control for rater bias (the raters in this case, as would be the case with any scale utilizing these items, would be the parents of the child patients).

A similar procedure as that suggested above for the 6 depression items could be carried out with the 26 fears and anxiety items. They could be formed into a 26 item Likert-type rating scale and into a forced-choice rating scale comprised of 26 pairs of items.

The implications of this project for further research are brief but clear. Four scales, a Likert-type rating scale for measuring the outcome of psychotherapy for children whose presenting problem is depression, a Likert-type rating scale for measuring the outcome of psychotherapy for children whose presenting problem is fears and anxiety, a forced-choice scale for measuring the outcome of treatment for children whose presenting problem is depression, and a forced-choice scale for measuring the outcome of treatment whose presenting problem is fears and anxiety, should be derived. Future research would then focus on validating these scales. Other refinement studies apart from validation (such as factor studies, reliability studies, etc.) might also be carried out provided validity studies were encouraging enough to allow one to procede.

Prehaps the primary conclusion which can be drawn from this investigation is that omnibus measures of the outcome of counseling and psychotherapy for children are probably not within the realm of possibility. Whether or not a given item correlates with improvement as a result of treatment may be so closely tied to the presenting problem of the child that is being treated,

Table 6. The Reliable Items Found to be Cross-Validated when Analyzed under the Specific Conditions of the Presenting Problem Category of Depression and the Presenting Problem Category of Fears and Anxiety

Condition	Item No.	Item	Reliability and Validity Study
Presenting Problem Category			
Depression	1.	My child would not be more willing to see a counselor or therapist.	.61
	97.	My child talks about himself more.	-.72
	99.	My child finds school work less interesting.	-.64
	207.	My child is less likely to help care for younger brothers and sisters.	-.66
	334.	My child likes his teachers more.	.68
	878.	My child talks less hatefully.	.64
Fears & Anxiety	58.	My child is less emotionally disturbed.	.88
	87.	My child is less able to be reasoned with.	-.88
	140.	My child's fears have increased.	-.90
	161.	My child tends more to ignore rules.	-.83
	186.	My child is less sociable.	-.85
	207.	My child is less likely to help care for younger brothers and sisters.	-.83
	209.	The main problem for which we sought therapy or counseling has cleared up.	.87
	234.	My child has less confidence in his own solutions to problems.	-.82
	280.	My child says "I hate" more often.	-.84
	283.	My child spends more time standing around doing nothing.	-.93
	291.	My child seems less depressed.	.91
	300.	My child is more easily bored.	-.86
	327.	My child laughs less.	-.91
	374.	My child laughs less.	-.83
	399.	My child is more sociable.	.90
	421.	My child is less likely to smile.	-.82
	492.	The main problem for which therapy or counseling was sought has worsened.	-.91
	552.	My child is harder to live with.	-.87
	592.	My child has more headaches.	-.95

Table 6. Continued.

Condition	Item No.	Item	Reliability and Validity Study
Fears & Anxiety (con't)	601.	My child is more respectful to adults.	.90
	610.	My child takes out more revenge on his parents.	-.95
	611.	My child enjoys playing with other children less.	-.82
	672.	My child is less controllable.	-.84
	704.	My child is more in need of tranquilizing medicine.	-.83
	741.	My child is more likely to develop bad habits.	-.83
	755.	My child is less able to express how he feels.	-.83
	768.	My child is less calm.	-.93

that separate measures of treatment outcome will have to be developed for each of the major presenting problems of children who experience counseling and/or therapy.

APPENDIX A

Column 1. Item favorability as judged by the mean of parents' favorability ratings on a 1 - 9 Likert-type scale (N=66).

Column 2. Variance in parents' ratings of item favorability as measured by the standard deviation of favorability ratings of each item (N=66).

Column 3. Test-Retest reliability of favorability ratings.

Column 4. Item validity (N=101).

Column 5. Item validity utilizing the validity sample (N=51).

Column 6. Item validity utilizing cross validity sample (N=50).

Column 7. Test-Retest reliability of the validity ratings.

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
1	5.74	2.65	.58	-.24*	.09	-.51*	.61
2	7.68	1.60	.25	-.08	-.09	-.07	.57
3	7.61	1.76	.31	.15	.19	.07	.23
4	8.32	1.54	.75	.04	-.02	.11	.46
5	7.87	1.82	.75	.20	.25	.18	.60
6	4.97	2.50	.58	-.00	.03	-.01	.47
7	7.81	1.87	.52	-.00	-.07	.07	.26
8	6.06	2.39	.60	.08	.17	.05	-.09
9	4.74	2.59	.49	-.07	-.11	-.06	.36
10	4.68	2.63	.59	.00	-.07	.05	.16
11	7.65	1.68	.76	.05	-.08	.15	.37
12	7.06	1.53	.25	-.08	-.15	-.04	.05
13	4.68	2.30	.58	-.01	-.12	.06	.46
14	7.58	1.96	.10	-.04	-.13	.09	.67
15	4.97	2.42	.79	-.04	-.07	.02	.51
16	7.00	1.79	.37	-.01	-.07	.04	.24
17	7.81	1.28	.78	.07	-.03	.18	.43
18	5.03	2.44	.67	-.10	.03	-.15	-.17
19	5.32	1.89	.52	.14	.07	.25	.37
20	4.68	2.23	.68	.05	.03	.12	.79
21	4.13	2.47	.56	.09	.00	.12	.19
22	5.71	2.28	.59	.04	.02	-.12	.16
23	7.45	1.93	.54	-.06	-.14	-.05	.74
24	7.19	2.10	.51	-.11	-.09	-.14	-.14
25	7.55	2.32	.73	.04	.17	-.12	.30
26	5.68	2.01	.36	-.11	.19	-.19	-.02
27	7.00	1.90	.26	-.16	.20	-.41*	.19
28	7.90	1.01	.49	-.16	.20	-.11	.75
29	7.68	1.49	.44	.07	.09	.02	.31
30	7.19	2.37	.56	.02	.12	-.06	-.75
31	7.90	1.58	.66	-.09	-.09	-.07	.71
32	7.23	1.96	.81	-.11	-.11	-.11	-.24
33	7.68	1.62	.61	-.06	-.07	-.08	.90
34	7.65	1.54	.60	-.17	-.16	-.15	.19
35	7.10	1.76	.58	-.09	-.00	-.16	-.41
36	7.35	1.85	.42	.02	.12	-.01	-.61
37	7.29	1.57	.54	.05	-.01	.13	.46
38	5.58	2.79	.61	-.01	-.23	.13	.30
39	5.61	2.46	.57	-.16	-.23	-.09	.31
40	7.71	1.46	.79	-.06	-.16	.05	.57
41	4.74	2.48	.67	-.10	-.19	-.04	-.07
42	6.03	2.61	.53	-.09	-.05	-.17	.24
43	3.81	2.41	.61	-.14	-.08	-.16	.37
44	7.68	1.89	.55	.05	.02	.06	.63
45	4.19	2.52	.60	.06	-.13	.12	.22
46	4.87	2.25	.50	-.29*	-.09	-.44*	.11
47	4.61	2.19	.70	-.09	.02	-.15	.44
48	7.84	1.51	.82	-.08	-.17	.01	.50
49	6.52	1.93	.65	-.20	-.07	-.24	.23
50	7.77	1.45	.69	.12	.06	.17	.47
51	8.03	1.45	.62	.09	.09	.09	.54
52	7.84	1.71	.43	-.07	-.09	.05	.62
53	6.23	2.25	.41	.05	.18	-.07	.69
54	4.81	2.39	.68	-.06	.08	-.13	.58
55	7.48	1.88	.54	-.02	.02	-.02	.37

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
56	5.61	1.99	.74	-.00	.19	-.12	.07
57	5.77	1.65	.19	.10	-.04	.21	-.64
58	7.74	1.37	.12	.04	.16	-.06	.53
59	4.55	2.14	.77	-.16	-.09	-.20	.51
60	4.48	2.54	.85	-.15	-.31*	-.11	-.08
61	6.68	2.51	.50	.04	.11	-.02	.41
62	4.94	2.64	.80	-.32*	-.03	-.51*	.59
63	7.55	1.52	.36	.33*	.33*	.33*	.31
64	4.55	2.39	.75	-.06	-.07	-.04	.14
65	5.13	2.36	.59	-.14	.00	-.24	-.00
66	6.77	1.89	.49	-.03	.16	-.09	-.28
67	4.74	2.53	.69	-.22	-.24	-.20	.36
68	6.94	2.05	.67	-.18	-.00	-.31*	.19
69	7.81	1.47	.52	.14	.20	.12	.26
70	7.77	1.38	.36	.04	.06	.03	.52
71	7.58	1.03	.58	-.02	-.15	.09	.11
72	4.90	2.59	.57	-.14	-.13	-.14	-.12
73	6.94	1.50	.42	-.08	.12	-.22	.08
74	7.74	1.86	.65	.01	-.05	.08	.77
75	5.13	2.25	.47	-.05	.10	-.15	.62
76	3.58	2.41	.79	-.20	-.08	-.23	.64
77	7.29	1.66	.64	-.05	-.13	-.01	.49
78	7.13	1.41	.62	.16	.03	.28*	.50
79	5.23	2.28	.75	-.01	-.10	.03	.40
80	7.39	1.91	.59	.01	.08	-.07	.38
81	4.32	2.70	.78	-.23*	-.15	-.31*	.32
82	7.68	1.74	.38	-.01	-.08	-.07	.65
83	4.48	2.57	.85	-.06	-.04	-.08	.32
84	8.32	1.45	.76	-.13	-.19	-.09	.62
85	7.90	1.22	.35	-.07	.02	-.18	.64
86	5.06	2.76	.75	.20*	-.12	.32*	.20
87	4.48	2.77	.70	-.13	-.05	-.18	.50
88	7.87	1.23	.52	-.05	-.03	-.03	.08
89	4.84	2.41	.93	-.16	-.11	-.22	.68
90	7.32	2.12	.52	.07	.16	.02	-.48
91	4.77	2.31	.89	-.16	-.07	-.19	.64
92	7.87	1.36	.52	.04	.10	.01	.59
93	4.58	2.64	.71	-.07	-.04	-.02	.13
94	7.39	1.69	.68	.05	.08	-.02	.03
95	7.32	1.60	.77	-.03	-.02	-.02	.52
96	6.26	2.25	.78	-.12	.03	-.02	.32
97	6.26	2.00	.81	-.01	-.06	.02	.74
98	7.03	1.89	.85	-.17	-.09	-.19	.29
99	4.87	2.40	.81	.16	.15	.15	.94
100	5.39	2.36	.74	.12	-.09	.22	.81
101	4.81	2.39	.76	.08	.07	.10	.53
102	7.61	1.61	.63	-.05	-.14	.09	.64
103	4.55	2.64	.75	-.16	-.14	-.16	.21
104	6.84	2.15	.58	.09	.22	-.11	.89
105	7.68	1.78	.59	.04	.00	-.08	.01
106	7.48	2.10	.83	-.11	-.12	-.08	-.05
107	4.48	2.62	.73	-.14	-.06	-.25	.75
108	8.06	1.57	.51	-.04	.09	-.06	.79
109	4.45	2.22	.75	-.10	-.06	-.15	.28
110	4.52	2.63	.78	-.23	-.33*	-.12	.56

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
111	6.61	2.04	.52	.08	-.13	-.11	.43
112	4.97	2.40	.61	.00	.03	.01	-.05
113	5.52	2.23	.70	-.15	-.26	.54	-.08
114	7.61	1.58	.42	.09	.03	.02	.16
115	7.48	1.77	.40	-.08	-.08	-.10	.34
116	7.71	1.66	.56	.02	-.00	.07	.50
117	5.10	2.55	.63	-.05	-.06	.00	.17
118	4.52	2.46	.82	.10	.09	.08	.53
119	5.90	1.83	.65	.02	-.02	.14	.61
120	5.23	2.40	.77	.09	.13	.11	.30
121	5.42	2.39	.78	-.07	.12	-.14	.22
122	6.74	1.79	.57	.00	.11	-.10	-.14
123	7.39	1.56	.69	.15	-.00	.28*	.65
124	7.84	1.57	.85	.05	.08	.04	.19
125	6.74	1.81	.55	.08	.18	.06	-.03
126	7.68	1.54	.80	-.04	.14	-.14	.24
127	4.81	2.48	.79	.05	.09	.06	.43
128	6.81	1.78	.65	.20*	-.09	.38*	.62
129	4.71	2.77	.74	-.09	-.18	.01	.78
130	5.52	2.45	.47	.09	-.09	.19	.32
131	3.39	2.43	.83	-.23*	-.11	-.30*	.04
132	7.65	1.40	.86	.12	.22	.09	.13
133	5.19	2.23	.77	-.17	-.19	-.15	.64
134	7.32	1.56	.44	.03	-.08	.11	.37
135	4.94	2.89	.73	-.13	-.02	-.22	.87
136	7.74	1.59	.72	.12	.16	.09	.69
137	8.26	1.12	.46	.05	.07	-.00	.17
138	6.61	2.19	.79	.11	-.06	.29*	.37
139	7.61	1.52	.68	.16	.10	.11	.46
140	4.52	2.54	.85	.05	-.11	.14	.66
141	6.81	2.17	.56	.10	.17	.15	-.33
142	8.00	1.06	.71	.02	.00	.06	-.34
143	5.39	1.98	.74	-.13	-.17	-.11	.26
144	7.65	1.45	.47	.10	.15	.10	.37
145	4.58	2.36	.82	-.07	-.12	-.06	.82
146	7.65	1.40	.62	.12	.22	.01	.28
147	5.65	2.14	.65	-.04	-.23	..18	.35
148	7.00	1.86	.56	-.01	.02	-.03	.26
149	5.19	2.53	.72	-.07	.08	-.18	-.26
150	7.90	1.16	.43	.12	-.02	.22	.70
151	4.71	2.34	.79	.00	.08	-.03	.34
152	7.65	1.45	.53	-.03	-.15	.04	.38
153	7.26	1.57	.51	.05	.01	.12	.50
154	5.13	2.46	.83	.14	.14	.13	.02
155	7.39	1.82	.28	-.05	-.02	-.06	.19
156	7.00	1.75	.73	.06	-.09	.14	.80
157	7.55	1.06	.54	.04	.02	.13	.51
158	7.16	1.44	.58	.12	.20	.04	.02
159	4.13	2.45	.82	-.07	-.06	-.11	.10
160	6.97	1.89	.73	.19	.15	.22	.28
161	4.84	2.27	.82	-.00	.16	-.16	.61
162	4.84	2.67	.82	-.12	-.01	-.23	.86
163	7.65	1.28	.62	.03	.05	-.06	.76
164	5.55	2.32	.77	-.11	-.07	-.13	-.07
165	7.71	1.66	.72	-.09	-.04	-.14	.38

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
166	4.81	2.63	.84	-.09	-.12	-.06	.67
167	5.81	2.52	.80	.06	.06	.09	.33
168	5.29	2.36	.78	.11	.03	.15	-.03
169	7.77	1.43	.54	.10	.10	.11	.62
170	5.45	2.46	.72	-.04	-.05	-.03	.24
171	7.19	1.66	.59	.12	.07	.18	.48
172	7.32	1.68	.46	.32*	.48*	.15	.27
173	7.71	1.64	.51	.04	-.02	.04	.58
174	7.45	1.75	.82	.05	-.00	.03	.17
175	8.10	1.19	.63	.03	.06	.03	.42
176	5.26	2.41	.78	.10	.24	.03	.74
177	5.61	2.17	.66	.08	.17	.04	.22
178	4.77	2.50	.82	-.03	.07	-.14	.00
179	6.81	1.78	.52	.13	-.08	.31*	.63
180	5.06	2.17	.86	-.11	-.06	-.12	-.42
181	4.71	2.83	.89	.01	.17	-.17	.58
182	5.32	2.32	.69	-.09	-.12	-.10	.64
183	4.55	2.31	.80	-.10	-.26	-.03	.63
184	7.16	1.66	.45	-.06	-.14	-.02	.52
185	7.68	1.47	.59	-.03	-.01	-.00	.42
186	5.13	2.25	.80	-.09	.06	-.19	.65
187	6.71	2.02	.64	.10	.12	.07	.54
188	4.52	2.71	.77	-.05	.02	-.11	.59
189	4.06	2.34	.75	.01	.12	-.06	.16
190	7.06	1.91	.67	.04	.05	-.04	.19
191	4.94	2.34	.69	.03	.20	-.11	.12
192	5.94	1.98	.45	-.06	.02	-.08	.17
193	6.48	1.96	.60	.05	.06	.07	.17
194	7.87	1.18	.65	.12	.11	.12	.60
195	5.19	2.37	.81	-.13	-.13	-.13	.49
196	4.94	2.53	.69	-.05	-.07	-.00	.20
197	3.74	2.73	.87	-.05	.03	-.15	.55
198	4.90	2.55	.83	.04	.05	.05	.46
199	7.71	1.01	.46	.08	.27*	-.04	.33
200	6.23	1.82	.73	.14	.27	.02	-.26
201	4.84	2.42	.79	.12	.13	.07	.65
202	7.39	1.26	.25	.04	.10	.04	.69
203	3.74	2.86	.82	-.02	-.03	-.06	-.52
204	7.35	1.47	.42	.03	.10	.08	-.26
205	4.87	2.33	.61	.13	.33*	-.04	.69
206	7.13	1.71	.66	.12	-.06	.24	.21
207	5.45	2.20	.65	-.24	-.01	-.37	.57
208	7.03	1.94	.30	.00	.14	-.13	.71
209	8.06	2.00	.50	.01	.11	-.03	.73
210	4.94	2.58	.81	-.16	-.15	-.18	.49
211	7.81	1.49	.59	-.01	.05	-.02	.64
212	5.13	2.39	.64	.07	.25	-.15	.15
213	7.42	1.59	.44	.06	.06	.05	-.22
214	7.94	1.18	.76	.08	.19	.03	.23
215	3:84	2.44	.84	-.05	-.01	-.11	.39
216	7.13	1.82	.45	.13	.11	.13	.20
217	5.23	2.26	.84	.01	.10	-.08	.74
218	7.81	1.40	.58	.09	.15	.07	.05
219	4.52	2.53	.80	.03	.15	-.04	.62

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
220	6.77	1.78	.44	-.13	-.33	.01	-.31
221	6.06	1.88	.79	.04	.13	-.14	.41
222	4.03	2.70	.88	.01	.11	-.00	.00
22	7.97	1.30	.51	-.03	-.10	-.00	.36
224	6.29	1.88	.62	.05	.04	.07	.71
225	7.81	1.45	.53	.15	.22	.10	.80
226	4.65	2.56	.72	-.24*	-.19	-.25	.35
227	7.16	2.00	.64	.03	.02	.09	.53
228	4.90	2.31	.62	-.22*	-.26	-.16	.54
229	7.13	1.98	.79	-.04	.28	-.23	.64
230	6.29	1.92	.79	.07	.24	-.10	.01
231	7.03	1.70	.68	.06	.05	.02	.57
232	4.42	2.39	.80	-.02	.13	-.13	.30
233	7.52	1.50	.68	.21*	.18	.24	.02
234	4.68	2.44	.83	-.04	-.12	.13	.77
235	7.58	1.48	.80	.03	-.10	.13	-.33
236	4.94	2.20	.59	-.04	.04	-.11	.74
237	7.45	1.80	.29	.09	.05	.04	-.39
238	3.94	2.34	.86	-.08	-.22	.00	.25
239	7.48	1.31	.67	.03	.04	.01	.17
240	5.32	2.34	.80	-.06	.03	-.20	.57
241	5.19	2.24	.80	.11	.05	.07	.33
242	7.39	1.98	.12	.04	.04	.05	.57
243	7.74	1.44	.55	.07	.11	.06	.42
244	5.84	2.27	.69	-.10	.03	-.18	.08
245	7.19	1.82	.50	.19*	.55*	-.11	.56
246	4.32	2.69	.78	-.07	-.03	-.08	.40
247	7.71	1.19	.56	.05	-.01	.05	-.09
248	4.70	2.28	.72	-.10	-.04	-.13	.70
249	6.84	2.10	.27	-.05	-.03	-.04	.23
250	4.55	2.55	.85	-.08	-.01	-.11	.08
251	7.81	1.38	.70	.12	.27	-.00	.57
252	6.96	2.19	.58	-.02	.14	-.07	.63
253	8.10	1.19	.67	.09	.16	.05	.44
254	8.03	1.25	.63	.12	.15	.16	.66
255	7.68	1.28	.53	-.08	.03	-.08	.18
256	7.61	1.43	.53	-.05	.16	-.20	.34
257	7.81	1.40	.56	.09	.06	.10	.68
258	7.29	1.99	.10	-.05	.02	-.09	-.28
259	4.97	2.34	.70	-.09	-.05	-.13	.22
260	4.61	2.58	.85	-.09	-.02	-.15	.68
261	6.10	2.18	.49	-.00	-.07	.06	.84
262	4.65	2.43	.87	-.09	.11	-.30*	.54
263	7.10	1.76	.74	.02	.06	-.08	.74
264	5.74	2.02	.73	-.11	.12	-.27*	.34
265	4.71	2.41	.79	-.09	-.10	-.13	.43
266	5.29	2.13	.73	.15	.30*	-.03	.11
267	4.52	2.47	.83	-.09	-.00	-.09	.64
268	6.32	2.17	.59	-.04	-.01	-.04	.50
269	5.19	2.15	.72	-.12	-.02	-.25	.71
270	7.55	1.57	.77	.08	-.03	.12	.62
271	6.61	1.82	.48	-.00	.37*	-.25	.50
272	7.58	1.59	.54	.01	-.08	.12	.30

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
273	5.29	2.13	.72	.17	.03	.31*	.03
274	7.16	2.13	.24	.14	.13	.11	.22
275	7.90	1.16	.60	.27*	.30*	.22	.21
276	5.26	2.25	.68	.03	-.01	.04	.41
277	7.35	1.94	.68	.04	.05	.03	.40
278	3.87	2.54	.86	.04	.08	-.02	.49
279	6.74	1.83	.58	.03	-.01	.41	.40
280	3.94	2.52	.81	-.05	.02	-.08	.52
281	7.61	1.28	.29	.11	.03	.13	.89
282	5.29	2.41	.76	.02	-.13	.14	.19
283	5.00	2.54	.79	-.11	-.19	-.06	.58
284	5.16	2.70	.86	-.25	.07	-.47*	.72
285	4.71	2.64	.67	-.06	.13	-.21	.75
286	5.03	2.40	.83	-.13	-.06	-.19	.26
287	5.42	2.45	.74	-.14	.03	-.24	.10
288	4.39	2.53	.87	.00	-.09	.10	.58
289	5.42	2.38	.69	-.12	-.21	-.04	.78
290	5.16	2.37	.67	-.04	-.19	.02	.63
291	7.68	1.11	.78	-.05	.05	-.12	.73
292	5.52	2.20	.77	.01	.10	-.05	.89
293	5.71	2.31	.91	-.05	.10	-.19	.62
294	7.77	1.33	.78	.00	.03	.01	.43
295	7.52	1.57	.52	.05	.04	.08	-.25
296	8.13	1.73	.69	.14	.10	.16	.63
297	7.71	1.66	.66	.11	.08	.11	-.04
298	8.16	1.21	.53	.12	.05	.18	.29
299	5.84	2.35	.82	-.12	.02	-.20	.54
300	5.32	2.34	.74	-.02	.05	-.08	.59
301	6.55	1.80	.55	.08	.40*	-.07	.02
302	7.74	1.44	.38	.12	.03	.16	.68
303	8.00	1.37	.70	-.01	.19	-.08	.43
304	8.03	1.28	.70	.10	.02	.15	.70
305	5.00	2.25	.80	.07	.21	.01	.66
306	7.45	1.39	.67	.10	-.00	.19	.36
307	4.81	2.34	.72	-.07	-.05	-.08	.27
308	7.81	1.51	.68	.06	-.02	.07	.27
309	5.16	2.31	.71	-.11	-.21	.02	.23
310	4.87	2.23	.73	.08	-.03	.16	.41
311	4.97	2.34	.73	.09	.02	.16	.42
312	6.58	1.89	.61	-.01	.00	-.04	.06
313	5.06	2.34	.73	.16	.17	.19	.73
314	7.81	1.40	.70	-.14	-.22	-.06	.86
315	4.48	2.49	.81	-.07	-.06	-.07	.29
316	7.52	1.46	.64	.04	-.03	.09	.12
317	5.71	2.18	.83	.04	.12	-.05	.20
318	7.68	1.51	.66	-.08	-.10	.02	.56
319	5.32	2.36	.74	.05	.02	.05	.84
320	4.19	2.43	.77	-.05	.03	-.14	.54
321	7.39	1.41	.73	.01	.11	-.07	.54
322	7.52	1.48	.65	.01	-.13	.20	.28
323	5.29	2.51	.55	-.04	.05	-.15	.40
324	7.81	1.60	.75	.05	-.04	.14	.60
325	6.87	1.91	.71	-.14	-.08	-.04	.75
326	7.81	1.72	.77	-.01	.09	-.02	.11
327	4.90	2.27	.79	.01	-.04	-.00	.69

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
328	7.48	1.61	.79	.16	.08	.24	-.00
329	6.97	1.83	.87	.27*	.13	.46*	.36
330	4.39	2.60	.71	.01	-.01	-.01	.87
331	4.42	2.32	.76	.22*	.25	.24	.51
332	4.97	2.33	.82	-.13	-.18	-.08	.45
333	8.10	.87	.69	.08	.13	.04	.43
334	7.90	1.33	.75	-.06	-.07	-.07	.88
335	5.58	2.23	.69	.13	.22	.03	.27
336	6.97	1.97	.75	-.05	-.16	.01	.51
337	5.19	2.15	.76	-.03	.00	-.04	-.07
338	5.10	2.15	.72	-.04	.08	-.17	.09
339	5.42	2.05	.67	-.14	-.05	-.25	.60
340	4.00	2.58	.74	.02	.02	.03	.86
341	5.19	2.23	.86	.12	.05	.21	.27
342	7.71	1.44	.77	-.03	.01	-.02	.50
343	4.32	2.66	.73	-.09	.03	-.20	
344	7.81	1.30	.58	.17	.14	.18	.71
345	5.87	2.25	.70	.03	.16	-.09	.26
346	5.97	2.58	.37	.13	.06	.20	
347	7.06	1.71	.70	.13	.22	.02	.28
348	5.42	2.35	.80	-.09	-.28*	.01	.06
349	7.52	1.48	.53	.07	.15	.02	.13
350	7.84	1.32	.65	.24*	.15	.32*	.48
351	5.03	2.29	.74	-.04	-.08	-.04	.70
352	7.58	1.34	.53	.11	.03	.22	.55
353	5.16	2.02	.75	-.13	-.10	-.20	-.09
354	7.71	1.44	.69	.10	.15	.11	.74
355	7.74	1.46	.85	-.05	.20	-.15	.53
356	4.90	2.48	.80	.01	-.06	.05	.77
357	7.58	1.59	.64	.00	.01	.04	.40
358	7.23	1.73	.66	.00	-.12	.05	.56
359	6.90	1.85	.66	.06	-.06	.13	-.38
360	5.87	2.28	.61	-.01	.06	-.04	.38
361	7.48	1.48	.47	.17	.17	.21	.79
362	5.68	2.24	.75	-.08	.07	-.15	-.16
363	7.74	1.61	.70	-.06	-.16	.01	.62
364	4.55	2.39	.82	-.06	-.11	-.01	.52
365	5.42	2.09	.88	-.11	-.23	-.05	.27
366	4.65	2.76	.76	.12	.15	.07	.69
367	5.23	2.35	.86	-.05	-.01	-.12	.85
368	6.84	1.93	.43	.08	.30*	.01	-.14
369	7.55	1.39	.62	.18	.27	.16	.59
370	4.77	2.75	.76	-.08	.00	-.14	.17
371	7.48	1.79	.53	.02	-.00	.05	.00
372	4.32	2.52	.90	-.10	.01	-.17	.22
373	7.35	1.80	.66	.03	-.06	.07	-.01
374	4.77	2.39	.81	-.24	-.31*	-.19	.73
375	7.55	1.52	.63	.16	.12	.17	.53
376	4.39	2.28	.87	.01	-.08	.12	.67
377	6.71	1.94	.86	.17	.08	.18	.91
378	6.03	1.92	.81	-.12	-.00	-.24	.35
379	7.84	1.32	.60	.11	.16	.06	.66
380	4.94	2.49	.75	-.16	-.01	-.18	.15
381	7.13	1.67	.80	-.04	-.06	.01	-.35
382	7.39	1.78	.67	-.04	-.06	-.04	.72

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
383	7.68	1.45	.73	.02	.03	-.00	.59
384	4.00	2.53	.85	-.09	-.05	-.08	.62
385	4.48	2.62	.57	-.19	-.04	-.27	.10
386	6.03	2.55	.77	-.14	-.25	.00	.22
387	4.71	2.49	.85	-.14	-.19	-.13	.30
388	6.81	2.41	.43	.01	.18	-.09	-.54
389	4.81	2.27	.77	-.09	-.01	-.14	.17
390	7.61	1.50	.72	.07	-.00	.15	.14
391	5.10	2.29	.67	-.09	-.12	-.08	.60
392	7.23	1.98	.61	.12	-.13	.31*	.42
393	7.52	1.46	.42	.06	.16	.02	.71
394	4.87	2.29	.64	-.04	.19	-.17	-.02
395	7.39	1.63	.48	.07	.18	.04	.92
396	7.35	1.62	.51	-.02	-.02	-.03	.83
397	4.29	2.37	.83	.01	.07	-.01	.80
398	4.55	2.28	.84	.01	.06	-.01	.91
399	7.39	1.87	.70	.20*	.14	.25	.73
400	5.26	2.25	.70	-.07	-.00	-.09	.41
401	7.00	2.27	.55	.04	.04	.05	.52
402	8.00	1.39	.72	.05	.03	.03	.74
403	7.39	1.43	.66	.04	-.01	-.04	.44
404	7.32	1.54	.48	-.04	-.16	.04	.44
405	7.13	1.91	.40	-.05	.00	-.17	.20
406	6.61	1.71	.61	.00	.06	-.03	.75
407	5.68	2.06	.78	-.06	.06	-.09	-.07
408	6.32	2.32	.56	-.21*	-.22	-.13	.36
409	7.23	2.12	.29	.07	.07	.06	.66
410	7.71	1.42	.69	.07	.03	.15	.54
411	7.48	1.50	.61	-.02	-.00	-.07	.46
412	5.23	2.33	.72	.10	.19	-.00	.67
413	5.26	2.63	.84	-.19	.05	-.34	.55
414	7.58	1.48	.81	-.00	.00	.02	.12
415	5.39	2.30	.65	-.17	-.00	-.24	-.21
416	7.58	1.31	.44	-.03	-.01	-.01	.73
417	5.19	2.20	.80	.05	-.14	.15	.66
418	7.23	1.78	.59	-.13	-.13	-.13	.82
419	4.97	2.60	.76	-.05	.05	-.11	.70
420	7.32	1.51	.83	.13	-.02	.17	.66
421	4.84	2.31	.76	-.08	-.15	-.02	.68
422	4.45	3.16	.72	.05	-.14	.20	.86
423	7.84	1.34	.73	.10	.23	.03	.65
424	5.48	2.22	.76	-.04	-.10	.04	-.05
425	7.23	1.61	.71	-.11	-.06	-.17	-.14
426	5.35	2.26	.91	.03	-.04	.04	.76
427	5.13	2.31	.77	-.15	-.10	-.21	.47
428	8.10	1.25	.68	.12	.14	.13	.36
429	4.87	2.36	.78	.11	-.03	.18	-.46
430	7.16	1.44	.64	.04	-.02	.11	-.23
431	5.52	2.36	.65	-.02	-.13	.02	.80
432	7.87	1.41	.49	.05	.01	.07	.85
433	6.29	1.88	.66	.10	.15	.13	.29
434	6.32	1.83	.79	.13	.14	.11	.43
435	4.48	2.54	.86	.06	.02	.14	.61
436	7.77	1.38	.79	.01	-.02	.07	-.09
437	5.45	2.46	.77	.07	.16	.03	.47

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
438	4.48	2.50	.80	-.03	-.05	.02	.59
439	7.61	1.15	.39	.03	-.12	.18	.57
440	7.48	1.26	.54	-.11	-.17	-.10	.75
441	5.45	1.88	.57	.11	.26	.04	.19
442	5.26	2.06	.74	-.13	.04	-.23	.51
443	7.13	1.82	.50	-.03	.03	-.11	.46
444	7.90	1.27	.65	.06	-.00	.06	.75
445	5.00	2.41	.83	.01	.14	-.09	.57
446	7.48	1.41	.85	.14	.07	.15	.21
447	7.71	1.27	.65	.16	.19	.16	.78
448	5.16	2.52	.77	-.06	.08	-.15	.08
449	7.65	1.72	.66	.13	.15	.15	.66
450	5.26	2.59	.77	.10	.09	.14	.69
451	7.97	1.30	.59	.14	.20	.05	.56
452	6.97	2.09	.74	-.02	-.03	-.01	.32
453	7.26	1.84	.64	.07	.09	-.01	-.22
454	4.90	2.37	.70	-.01	-.08	.07	.76
455	7.97	1.22	.65	-.07	-.07	-.12	.81
456	5.03	2.43	.84	.02	-.03	.06	.57
457	8.03	1.30	.76	.21	.19	.21	.15
458	4.42	2.63	.79	-.05	-.04	.00	.57
459	7.48	1.43	.63	.08	.12	-.01	.51
460	4.32	2.77	.73	-.03	-.06	.01	.29
461	7.42	1.34	.48	-.09	-.03	-.11	.81
462	6.84	1.71	.39	-.13	-.21	-.03	-.50
463	7.68	1.56	.84	.09	-.00	.17	.67
464	7.26	2.00	.84	.13	.09	.18	.19
465	7.68	1.38	.82	-.00	-.00	-.06	-.10
466	5.13	2.45	.81	.10	.04	.14	.66
467	4.71	2.51	.88	-.01	-.06	-.04	.72
468	5.10	2.60	.74	-.09	.03	-.22	.64
469	7.90	1.11	.76	.14	.18	.20	.56
470	5.48	2.62	.88	-.04	-.03	-.06	.00
471	6.61	1.80	.68	.04	-.02	.10	.05
472	6.45	2.03	.75	.13	-.13	.24	.79
473	5.52	2.31	.83	-.02	-.10	.15	.37
474	7.84	1.10	.52	.07	-.10	.19	.52
475	6.65	1.78	.56	-.07	.11	-.17	.62
476	6.84	2.03	.23	-.03	-.22	.20	.52
477	5.03	2.75	.71	.07	.19	.04	.62
478	5.77	2.32	.60	.09	.31*	-.08	-.00
479	7.55	1.34	.59	.06	-.06	.14	.22
480	5.84	2.53	.65	-.19*	-.29*	-.14	.46
481	4.90	2.55	.73	.08	-.17	.18	.38
482	7.52	1.59	.53	.08	-.06	.15	-.38
483	6.81	1.89	.72	-.00	-.21	.16	.70
484	7.91	1.60	.70	.09	-.03	.22	.72
485	5.54	2.44	.49	.07	.07	.05	.44
486	6.97	2.06	.48	-.10	.02	-.17	.44
487	4.77	3.03	.54	-.03	.19	-.09	.45
488	8.14	1.54	.35	.07	.01	.10	.72
489	6.29	2.65	.47	.13	.27	.05	.34
490	6.94	2.36	.55	-.02	-.15	.08	.82
491	5.11	2.10	.66	.07	-.16	.17	.21
492	4.03	2.66	.68	-.11	-.09	-.14	.85

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
493	3.54	2.65	.68	-.20*	-.34*	-.02	.71
494	5.86	2.65	.63	.12	.10	.06	-.14
495	5.83	2.20	.47	.00	.15	-.12	.37
496	7.97	1.52	.70	.12	.01	.18	.81
497	7.43	1.90	.17	.06	.10	.01	.52
498	6.94	1.98	.58	-.01	.23	-.16	.29
499	5.69	2.15	.33	.06	.27*	-.12	.29
500	7.94	1.51	.36	.01	-.09	.13	.13
501	7.71	1.86	.65	.10	.07	.11	.78
502	7.34	1.97	.52	.15	.13	.14	.40
503	7.20	2.29	.42	.10	.04	.12	.45
504	7.57	1.93	.59	.09	.12	.08	.91
505	5.40	2.20	.64	-.05	.00	-.10	.68
506	5.86	2.07	.66	.19*	.19	.19	.30
507	4.89	2.55	.76	-.08	-.08	-.11	.62
508	7.20	2.11	.64	-.02	.13	-.07	.80
509	6.00	2.29	.29	.04	.20	-.04	.03
510	7.80	1.57	.69	.08	.00	.12	.81
511	5.51	2.38	.85	-.01	-.02	.02	.71
512	4.34	2.52	.67	-.08	.16	-.22	.87
513	7.06	1.64	.69	-.02	-.04	.00	.46
514	5.34	2.57	.56	.03	.13	-.03	.50
515	7.91	1.93	.50	.12	.09	.16	.80
516	6.60	1.91	.24	.06	.00	.11	.57
517	6.94	2.09	.45	-.12	-.24	-.07	.75
518	6.34	2.17	.55	.16	.12	.17	-.52
519	7.94	1.59	.68	.02	-.01	.05	.85
520	4.74	2.64	.63	-.30*	-.36*	-.20	.68
521	7.29	1.67	.60	.04	.04	.07	.74
522	6.14	2.00	.50	-.15	.03	-.23	.58
523	8.17	1.15	.34	.03	.03	.03	.37
524	5.71	2.55	.77	-.18	-.20	-.13	.78
525	7.23	2.14	.48	.08	.05	.10	.77
526	7.51	2.05	.45	-.05	-.33*	.11	.54
527	5.49	2.47	.78	-.17	-.18	-.18	.74
528	4.86	2.53	.61	-.10	-.15	-.09	.74
529	6.91	2.06	.55	-.05	-.12	.01	.48
530	4.91	2.56	.68	-.01	-.19	.14	.64
531	8.03	1.74	.38	-.10	-.22	-.02	.71
532	4.51	2.56	.74	.04	-.02	.06	.49
533	8.29	1.05	.57	.17	.06	.27	.86
534	3.74	2.42	.60	-.20*	-.10	-.20	.59
535	7.71	1.43	.57	.21*	.10	.25	.49
536	4.63	2.66	.70	-.10	-.20	.01	1.00
537	5.43	2.76	.74	-.01	.10	-.08	.60
538	5.03	2.57	.75	-.05	.12	-.09	.60
539	8.17	1.29	.67	.08	.12	.03	.73
540	5.14	2.49	.84	-.14	-.07	-.16	.32
541	8.20	1.28	.57	.08	.07	.08	.58
542	7.00	2.06	.71	.04	-.07	.12	.71
543	7.49	2.17	.90	-.04	-.19	.02	.75
544	5.43	2.82	.65	-.19*	-.10	-.26	.49
545	6.63	1.75	.56	-.04	.08	-.06	-.04
546	7.77	1.72	.58	.02	-.09	.12	.63
547	7.91	1.79	.90	.12	-.03	.18	.83

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
548	7.49	1.85	.82	.11	.08	.19	.44
549	6.80	2.41	.78	-.04	-.01	-.07	-.41
550	6.09	2.33	.82	-.02	.15	-.04	.71
551	5.83	2.33	.85	-.21*	-.16	-.27	.36
552	4.49	2.73	.74	-.11	-.03	-.14	.79
553	7.54	2.05	.45	.05	.01	.06	.71
554	5.49	2.52	.57	-.12	.01	-.26	.77
555	6.57	2.27	.47	.05	.01	.06	.76
556	5.54	2.08	.60	-.03	.04	-.11	.86
557	7.54	1.65	.48	.00	-.06	.01	.61
558	6.94	2.42	.63	.18	.37*	.07	.00
559	7.00	2.30	.80	.04	.03	.08	.61
560	6.11	2.40	.66	.02	.02	-.04	.41
561	1.19	8.06	.48	.14	-.02	.28*	.77
562	5.14	2.35	.55	.09	.06	.15	.66
563	6.17	2.02	.49	-.08	-.02	-.15	.82
564	4.94	2.59	.66	.01	.03	-.26	.70
565	7.14	1.80	.74	.01	.02	-.01	-.22
566	7.66	1.81	.76	-.02	.11	-.08	.87
567	6.49	2.13	.62	.10	.02	.10	.50
568	8.09	1.63	.78	.09	.19	-.01	.86
569	7.54	1.42	.67	.12	.02	.17	.71
570	6.46	2.48	.71	.00	.18	-.09	.96
571	5.09	2.16	.64	-.11	-.11	-.13	.86
572	6.11	2.43	.74	.03	.12	.04	.70
573	5.46	2.41	.64	-.07	.01	-.08	-.08
574	7.86	1.59	.81	.08	-.04	.16	.79
575	8.37	.97	.10	.01	.02	-.01	.80
576	6.23	2.74	.67	.06	.05	.01	.22
577	6.77	1.91	.62	-.03	-.06	-.01	.35
578	6.94	2.13	.36	.05	.10	.06	.51
579	7.66	1.59	.54	.04	-.05	.10	.90
580	7.20	1.80	.23	-.11	-.04	-.13	.49
581	7.37	1.42	.53	.01	-.10	.04	.49
582	6.71	2.15	.74	.21*	.21	.04	.49
583	3.17	2.43	.72	-.06	.04	-.03	.63
584	3.89	2.37	.79	-.13	.16	-.23	.70
585	7.11	2.00	.81	.13	.15	.07	.32
586	5.20	2.83	.63	-.16	-.07	-.15	.61
587	8.09	1.42	.61	.03	.20	-.06	.72
588	5.69	2.77	.82	.02	.07	-.03	.88
589	7.80	1.37	.67	.18	.01	.30*	.69
590	4.54	2.83	.84	-.10	-.00	-.22	.55
591	8.11	1.13	.58	.16	.25	.10	.87
592	5.14	2.92	.80	-.31*	-.35*	.16	.81
593	7.46	1.77	.74	.09	.03	.16	.89
594	4.51	2.64	.76	-.03	-.12	.04	.94
595	2.97	2.29	.78	-.09	-.17	.00	.66
596	4.09	2.32	.77	-.10	-.05	-.07	.67
597	6.97	1.85	.43	.05	.07	-.02	.27
598	7.14	1.99	.53	.18	.03	.24	.84
599	7.69	1.25	.64	.09	-.01	.18	.56
600	7.83	1.71	.80	-.01	-.16	.08	.83
601	7.97	1.50	.75	.08	.10	.04	.88

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
602	7.60	1.19	.58	.13	.03	.14	.87
603	7.06	1.61	.65	.01	.02	.02	.61
604	5.91	2.08	.78	-.09	.01	-.10	.53
605	7.63	1.37	.64	.00	-.23	.17	.84
606	7.43	1.44	.41	.14	.22	.08	.65
607	5.54	2.50	.64	-.22*	-.14	-.34	.78
608	8.14	1.57	.37	-.14	-.17	-.12	.86
609	7.43	1.38	.57	.08	.20	-.04	.44
610	4.09	2.42	.83	.03	.10	.03	.72
611	4.80	2.69	.63	-.20*	-.11	-.29	.66
612	7.46	2.00	.82	.12	.16	.11	.64
613	6.89	1.78	.72	.14	.18	.07	.38
614	7.77	1.52	.52	.15	-.03	.23	.80
615	6.49	2.20	.44	-.09	-.03	-.04	.94
616	7.43	1.61	.78	-.00	-.16	.14	.60
617	6.80	1.92	.50	.18	.14	.17	.32
618	3.97	2.68	.84	-.14	-.21	-.08	.33
619	5.23	2.80	.74	-.17	.05	-.27	.59
620	8.06	.97	.46	.10	-.03	.13	.66
621	8.03	1.10	.49	.19*	.16	.18	.77
622	7.97	1.15	.77	.24*	.24	.22	.65
623	7.14	1.83	.69	-.04	-.18	.06	.63
624	7.62	1.52	.80	-.01	.00	-.00	.08
625	4.14	2.69	.74	-.11	.08	-.16	.74
626	7.06	1.55	.78	.10	.07	.10	.40
627	6.40	2.66	.65	.03	-.14	.04	-.01
628	7.80	1.68	.83	.12	.00	.18	.70
629	7.66	1.33	.32	.24*	-.02	.32*	.63
630	7.49	2.09	.47	.04	-.19	.13	.89
631	7.17	1.74	.36	-.02	-.08	.02	.58
632	7.17	1.92	.56	.04	-.06	.06	.45
633	6.09	2.37	.62	.11	.19	.00	.54
634	6.34	2.20	.69	.04	.13	-.07	.50
635	7.14	2.12	.84	-.03	-.02	-.03	.21
636	8.17	1.44	.86	.06	.13	.01	.93
637	7.31	1.71	.60	-.10	-.14	-.08	.26
638	7.34	2.03	.69	.03	.06	.02	.75
639	7.51	1.58	.65	-.13	-.06	-.18	.60
640	7.31	2.04	.69	.02	.13	-.13	.59
641	3.83	2.48	.87	-.12	-.21	-.03	.92
642	5.89	2.25	.76	.04	.12	-.05	.54
643	5.46	2.55	.61	-.12	-.08	-.15	.74
644	4.17	2.65	.69	-.15	-.15	-.14	.68
645	4.43	2.21	.69	-.10	-.22	-.01	.81
646	5.46	2.31	.67	.01	.05	-.03	.74
647	5.57	2.45	.61	-.02	-.06	-.05	.62
648	7.83	1.82	.81	.04	.09	.04	.60
649	4.89	2.51	.80	.02	-.03	.07	.62
650	8.17	1.15	.50	.00	-.03	.03	.84
651	5.06	2.58	.59	-.04	-.05	-.04	.64
652	3.97	2.60	.77	-.14	-.25	-.06	.45
653	5.57	2.34	.89	.04	.06	-.03	.77
654	7.77	1.24	.82	.05	-.12	.17	.78
655	6.14	1.91	.63	.11	.07	.12	.35
656	6.91	2.05	.90	.05	.03	-.01	.97

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
657	5.23	2.35	.70	-.19*	-.13	-.22	.72
658	5.49	2.61	.57	-.09	-.23	.02	.70
659	5.17	2.42	.62	-.06	.03	-.17	.66
660	7.26	1.62	.35	.00	-.06	.03	.71
661	4.94	2.72	.65	-.13	-.04	-.16	.62
662	6.14	2.13	.54	-.03	.03	-.04	.73
663	6.97	2.36	.36	.10	.03	.10	.78
664	7.23	1.86	.59	.03	-.09	.11	-.09
665	7.23	2.00	.60	.02	.00	.03	.26
666	7.26	1.95	.58	-.00	-.13	.03	.92
667	6.91	2.08	.19	-.12	-.19	-.10	.39
668	7.83	1.36	.80	.16	.18	.07	.82
669	5.49	2.61	.93	-.17	-.13	-.17	.74
670	4.57	2.64	.69	-.07	-.24	.06	1.00
671	6.43	2.37	.54	-.02	.01	-.09	.47
672	4.60	2.51	.78	-.06	-.07	-.06	.46
673	5.00	2.74	.75	-.05	-.15	.03	.79
674	6.83	2.32	.84	-.07	.06	-.17	.55
675	5.17	2.54	.87	.07	.19	.03	.59
676	4.14	2.53	.85	-.18	-.23	-.08	.88
677	5.54	2.55	.70	.06	.04	.09	.89
678	4.37	2.51	.85	-.09	-.15	-.05	.86
679	4.43	2.43	.86	.00	-.02	.00	.78
680	4.23	2.43	.86	-.04	-.13	.04	.68
681	5.43	2.36	.58	-.08	-.02	-.12	.68
682	6.97	2.05	.47	.08	-.02	.10	.79
683	5.60	2.32	.67	-.17	-.09	-.21	.69
684	7.74	1.54	.78	.07	.02	.07	.81
685	7.83	1.10	.57	-.13	-.24	-.05	.20
686	5.34	2.53	.87	-.00	-.16	.05	.21
687	3.80	2.84	.77	-.07	-.10	-.01	.64
688	7.49	1.65	.68	.10	-.08	.21	.67
689	7.14	1.46	.55	.14	.10	.13	.79
690	5.57	2.32	.70	-.03	.10	-.18	.88
691	7.63	1.50	.32	.11	-.23	.37	.73
692	6.29	1.96	.37	-.07	-.05	-.13	.37
693	7.66	1.75	.86	.03	.09	-.08	.61
694	4.86	2.49	.65	-.10	.18	-.17	.83
695	7.49	1.74	.50	.17	-.07	.36	.55
696	5.63	2.14	.89	-.17	.08	-.35	.46
697	5.89	2.13	.44	-.06	.12	-.19	.27
698	7.29	1.76	.82	.09	.16	.06	.05
699	4.57	2.57	.87	-.05	.01	-.05	.76
700	4.43	2.60	.83	-.03	.12	-.11	.76
701	5.06	2.39	.79	-.19	-.08	-.16	.56
702	4.37	2.34	.74	-.12	-.14	-.08	.84
703	8.26	.89	.67	.15	.07	.24	.84
704	4.51	2.72	.76	-.20*	-.23	-.18	.36
705	7.80	1.49	.88	.13	.12	.12	.92
706	5.46	2.88	.63	.07	-.08	.16	.85
707	6.91	2.19	.69	.13	.17	.05	.98
708	5.63	2.12	.83	.00	.05	-.05	.63
709	5.29	2.44	.73	.11	.17	.04	.83
710	4.94	2.44	.74	-.09	.00	-.21	.67
711	5.94	2.24	.61	-.16	-.03	-.20	-.03

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
712	3.86	2.66	.75	-.02	-.13	.06	.97
713	4.91	2.54	.75	-.03	-.22	.11	.34
714	6.09	1.82	.52	-.20	-.10	-.22	.72
715	4.51	2.34	.78	.06	.16	-.03	.60
716	5.40	2.50	.63	-.21	-.01	-.33	.67
717	7.17	2.02	.61	.19	.14	.24	.45
718	7.57	1.69	.18	-.07	-.13	-.06	.65
719	4.40	2.34	.82	-.08	-.07	-.10	.72
720	5.00	2.18	.66	-.11	.05	-.19	.79
721	5.00	2.60	.56	-.04	.19	-.17	.84
722	7.11	1.73	.86	.11	-.07	.28	.46
723	7.03	1.89	.66	-.04	-.29*	.01	.08
724	5.49	2.25	.62	.07	.16	-.04	.73
725	4.97	2.31	.50	-.21*	-.06	-.31*	.64
726	7.26	1.87	.81	-.03	.20	-.12	.52
727	7.60	1.56	.70	.07	-.01	.09	.75
728	5.17	2.32	.65	-.20*	-.05	-.32*	.88
729	4.69	2.41	.70	-.21	-.19	-.17	.67
730	4.46	2.33	.57	-.05	-.16	.11	.63
731	6.51	2.08	.47	.08	-.09	.23	.63
732	4.83	2.46	.78	-.05	-.05	-.08	.76
733	4.97	2.53	.72	-.15	-.05	-.18	.57
734	4.74	2.45	.73	-.10	-.04	-.12	.72
735	5.94	2.15	.59	.03	.00	.02	.06
736	4.69	2.61	.59	-.00	.06	-.02	-.19
737	4.94	2.47	.74	.09	.03	.19	.60
738	5.11	2.32	.71	-.01	-.07	.11	.78
739	5.14	2.38	.78	-.11	-.07	-.06	.79
740	5.14	2.37	.76	-.02	.09	-.09	.78
741	4.43	2.54	.82	.02	.01	.06	.83
742	6.63	1.94	.49	-.00	-.17	.11	.27
743	5.17	2.32	.71	-.03	-.03	-.01	.82
744	5.03	2.39	.81	.09	.20	.05	.65
745	4.77	2.34	.83	-.19	-.10	-.20	.75
746	4.91	2.87	.81	.08	.04	.09	.73
747	4.83	2.38	.80	-.02	-.04	.09	.70
748	7.69	1.55	.78	.04	-.06	.09	.79
749	7.49	2.12	.60	.07	-.02	.10	.62
750	6.77	1.88	.44	-.09	-.14	-.06	.64
751	4.89	2.55	.68	-.08	.01	-.11	.59
752	7.94	1.78	.86	.02	-.03	.02	.92
753	5.09	2.50	.78	-.02	.07	-.06	.89
754	7.80	1.71	.81	.18	.18	.10	.64
755	5.49	2.51	.70	-.15	-.00	-.26	.62
756	7.03	2.18	.76	.09	.06	.09	.98
757	5.37	2.30	.78	-.19	-.20	-.10	.67
758	5.26	2.43	.84	-.11	.03	-.25	.58
759	7.34	1.83	.64	-.07	-.03	-.08	.80
760	7.97	1.38	.69	.13	.04	.17	.79
761	5.03	2.50	.82	-.09	.06	-.16	.69
762	6.03	2.20	.76	-.09	.02	-.19	.82
763	4.89	2.32	.78	-.17	.05	-.28*	.69
764	4.71	2.40	.73	-.04	-.03	-.03	.59
765	7.71	1.18	.66	.06	-.03	.14	.69
766	8.09	1.62	.89	.05	.03	.06	.77

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
767	4.74	2.60	.80	.01	.08	-.01	.91
768	4.86	2.43	.84	-.11	-.13	-.05	.71
769	6.89	2.23	.46	.05	-.17	.16	.36
770	5.06	2.45	.75	-.21*	-.08	-.26	.61
771	6.57	2.15	.78	-.10	-.22	-.05	.63
772	7.46	1.40	.46	-.06	-.19	.02	.38
773	6.69	1.60	.58	.08	.19	.00	.68
774	7.74	1.20	.65	.02	-.16	.11	.81
775	7.46	1.79	.80	.06	.09	-.11	.70
776	7.83	1.04	.69	.03	-.05	.07	.50
777	7.71	1.34	.74	.06	-.01	.06	.28
778	6.51	1.82	.78	.08	.17	.03	.45
779	8.14	1.09	.76	.19	.15	.15	.83
780	5.31	2.30	.58	-.06	-.15	.02	.65
781	3.86	2.72	.84	-.23*	-.09	-.26	.45
782	7.66	1.64	.67	.03	.01	.04	.50
783	6.34	2.41	.57	.04	.02	-.02	.84
784	8.00	1.11	.66	.16	.14	.08	.94
785	5.51	2.66	.77	-.17	-.04	-.29*	.58
786	7.09	2.02	.36	.07	.08	.08	.01
787	5.37	2.57	.62	-.13	-.07	-.17	.60
788	5.20	2.75	.64	-.13	-.03	-.19	.69
789	5.46	2.15	.68	.10	.05	.12	.17
790	7.63	1.55	.72	.04	-.08	.08	.86
791	4.91	2.49	.82	-.02	.09	-.11	.89
792	7.37	1.63	.49	.22*	.13*	.25	.48
793	7.46	1.72	.69	-.03	-.15	.03	.74
794	4.80	2.63	.69	-.16	-.30*	-.04	.71
795	4.54	2.84	.77	-.02	-.02	.02	.57
796	4.46	2.51	.75	-.12	-.15	-.12	.86
797	5.60	2.49	.83	-.00	.19	-.15	.57
798	4.89	2.74	.82	-.03	.02	-.03	.74
799	4.89	2.45	.66	-.14	-.05	-.18	.82
800	5.11	2.13	.72	-.12	-.27	.01	.36
801	4.80	2.76	.59	-.02	.04	-.03	.76
802	5.49	2.59	.67	-.29*	-.42	-.09	.29
803	7.94	1.64	.81	.13	.02	.18	.85
804	4.69	2.19	.50	-.16	-.20	-.09	.73
805	6.97	1.76	.36	-.30	-.02	-.07	.24
806	7.29	1.95	.92	-.06	-.12	-.02	.65
807	4.86	2.61	.82	-.15	-.12	-.13	.51
808	4.97	2.44	.70	-.04	-.02	-.05	.73
809	7.17	1.54	.84	.05	.02	.02	.77
810	6.49	1.76	.75	-.15	-.13	-.14	.71
811	7.26	1.36	.56	-.01	.06	-.05	.71
812	7.14	1.70	.39	-.12	-.05	-.19	.62
813	7.14	1.97	.90	-.11	.01	-.17	.57
814	7.46	1.96	.71	.05	-.07	.12	.42
815	6.77	1.85	.90	-.18	-.01	-.24	.15
816	7.40	1.31	.50	.27	.04	.37*	.89
817	7.94	1.24	.63	.05	-.12	.20	.63
818	7.46	1.99	.73	.00	-.10	.01	.53
819	6.20	2.31	.78	-.01	.12	-.11	.79
820	8.06	1.26	.74	.03	-.05	.11	.55
821	7.29	1.74	.83	.03	-.03	.04	.28

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
822	4.34	2.54	.77	-.07	.14	-.15	.75
823	5.63	2.40	.86	.18	.18	.16	.86
824	7.46	2.05	.41	-.07	-.10	-.03	.65
825	7.49	1.48	.70	.16	.11	.21	.64
826	4.51	2.43	.74	-.18	-.29*	-.09	.78
827	5.66	2.39	.48	-.11	-.04	-.12	.59
828	7.57	1.63	.23	.19	-.11	.32	.24
829	6.60	1.77	.63	.16	.14	.12	.38
830	5.89	2.22	.64	-.08	-.00	-.10	.03
831	7.34	1.88	.48	-.05	-.07	-.06	.60
832	5.71	2.23	.85	-.11	-.05	-.06	.60
833	7.17	1.93	.40	.15	.20	.09	.85
834	4.00	2.57	.75	-.07	-.19	.00	.77
835	7.89	1.30	.21	-.01	-.02	.04	.34
836	6.94	2.06	.66	.21*	.19	.21	.47
837	6.66	1.88	.92	-.11	-.10	-.09	.05
838	5.57	2.28	.68	.06	.11	..04	.62
839	4.80	2.38	.69	-.07	-.16	.01	.83
840	7.74	1.44	.60	-.03	-.11	.10	.70
841	7.89	1.23	.21	.11	-.02	.16	.88
842	4.34	2.66	.81	-.10	.03	-.12	.80
843	4.37	2.40	.86	.04	.11	.02	.02
844	7.63	1.40	.67	.04	-.10	.13	.34
845	7.83	1.20	.85	.11	-.03	.15	.76
846	7.74	1.60	.80	.16	.20	.07	.62
847	4.69	2.58	.67	.08	.13	.13	.62
848	7.63	1.63	.80	.09	.12	.05	-.05
849	6.66	1.91	.61	.15	-.07	.31	.46
850	4.60	2.68	.85	-.14	-.11	-.12	.58
851	5.77	2.47	.84	-.13	-.07	-.18	.84
852	5.14	2.67	.80	-.13	.02	-.21	.35
853	7.97	1.77	.82	.06	-.04	.11	.94
854	4.86	2.67	.79	.05	-.03	.15	.70
855	7.06	1.92	.78	.11	-.09	.30*	.30
856	8.37	.77	.77	.06	-.05	.14	.89
857	4.31	2.46	.75	-.19	-.22	-.12	.86
858	4.57	2.39	.84	-.15	-.19	-.10	.43
859	7.51	1.63	.65	-.00	-.23	.15	.86
860	5.66	2.21	.58	.02	-.12	.10	.70
861	7.40	1.24	.44	-.05	-.12	.04	.70
862	7.80	1.35	.70	-.04	-.14	-.01	.56
863	7.89	1.57	.50	.21*	.09	.29*	.52
864	6.89	1.76	.60	-.08	.16	-.27*	.79
865	7.94	1.35	.80	-.02	-.12	.09	.79
866	5.46	2.33	.81	-.04	.12	-.17	.50
867	6.11	2.27	.84	-.11	-.12	-.17	.49
868	6.20	2.22	.83	-.11	-.09	-.08	.72
869	7.43	1.33	.63	-.06	-.11	.05	-.02
870	4.63	2.54	.71	-.05	-.06	-.03	.23
871	8.09	1.15	.79	.17	-.05	.29	.78
872	5.94	2.30	.82	-.14	-.14	-.13	.57
873	5.03	2.39	.72	-.02	.11	-.12	.72
874	4.80	2.37	.70	-.27*	-.09	-.39*	.51

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
875	8.03	1.07	.79	.04	-.05	.07	.39
876	6.71	2.18	.63	-.02	-.19	.17	.43
877	5.37	2.49	.80	.08	.11	.07	.63
878	7.94	1.26	.62	-.02	-.01	-.10	.85
879	4.83	2.57	.81	-.18	-.16	-.11	.87
880	8.14	1.75	.85	-.01	-.15	.09	.93
881	5.31	2.42	.74	-.11	-.07	-.16	.82
882	8.11	.99	.50	.18	-.05	.30*	.69
883	5.26	2.65	.63	-.02	.14	-.11	.87
884	4.60	2.58	.72	-.10	-.01	-.16	.82
885	6.54	1.98	.66	-.22*	-.05	-.26	.51
886	7.09	1.72	.56	-.18	-.30*	-.10	.23
887	7.20	1.88	.57	-.04	-.32*	.15	.15
888	7.91	1.58	.75	.11	-.03	.20	.60
889	6.60	1.91	.68	-.04	-.06	.04	.21
890	8.06	1.30	.71	.15	.04	.22	.75
891	4.77	2.40	.81	.08	.11	.03	.89
892	5.77	2.81	.62	.04	-.11	.15	.61
893	4.66	2.71	.75	.01	.07	-.00	.77
894	4.80	2.61	.69	-.05	.11	-.16	.74
895	7.51	2.02	.51	.03	-.00	.01	.73
896	8.03	1.42	.36	.19*	.07	.20	.81
897	5.29	2.89	.70	.16	.20	.10	.85
898	5.63	2.54	.49	.01	.11	-.05	.82
899	5.23	2.49	.74	-.05	.07	-.14	.81
900	5.00	2.46	.84	-.12	-.09	-.10	.72
901	8.17	1.27	.72	-.01	-.14	.08	.93
902	5.51	2.78	.71	.03	-.01	.08	.65
903	5.00	2.69	.70	-.18	-.14	-.13	.59
904	7.03	2.22	.65	-.10	-.23	-.00	.32
905	7.17	1.77	.79	-.07	-.06	-.04	.22
906	6.63	1.75	.68	.04	.08	.01	.61
907	3.57	2.73	.81	-.13	-.05	-.12	.65
908	4.11	2.63	.73	-.21*	-.18	-.20	.66
909	5.46	2.78	.79	-.05	.23	-.20	.49
910	4.80	2.72	.69	.03	.05	.04	.84
911	5.09	2.75	.79	-.06	-.20	.04	.64
912	5.29	2.53	.72	-.09	.04	-.19	.58
913	7.57	1.50	.66	.17	-.01	.25	.75
914	5.29	2.89	.77	-.04	-.04	-.00	.94
915	5.57	2.76	.70	-.01	-.15	.06	.80
916	7.57	1.91	.76	.27*	.38*	.16	.72
917	5.40	2.51	.81	-.00	.12	-.13	.47
918	6.06	2.31	.77	-.03	.02	-.01	.75
919	7.14	2.07	.13	-.08	-.23	-.01	.83
920	4.63	2.69	.69	-.01	.18	-.13	.70
921	5.74	2.16	.71	.09	.10	.10	.57
922	8.11	1.18	.57	.03	-.11	.11	.88
923	5.66	2.17	.80	-.10	.05	-.16	.60
924	4.94	2.54	.80	-.07	.02	-.14	.87
925	5.43	2.67	.85	.05	-.05	.11	.83
926	5.46	2.43	.78	-.05	-.08	-.03	.78
927	5.40	2.53	.86	-.01	.06	-.07	.81
928	6.94	2.09	.73	.07	.07	.07	.84

ITEM	COL. 1	COL. 2	COL. 3	COL. 4	COL. 5	COL. 6	COL. 7
929	4.51	3.03	.85	-.09	-.09	-.06	.89
930	5.51	2.23	.44	-.06	-.03	-.07	.69
931	7.51	1.70	.83	-.09	-.12	-.07	.94
932	8.00	1.35	.56	.04	-.05	.08	.76
933	4.89	2.65	.85	-.10	.03	-.15	.73
934	6.20	2.01	.41	-.04	-.24	.07	.28
935	7.66	1.71	.38	.10	-.04	.18	.57
936	6.80	1.95	.49	-.11	-.06	-.15	.63
937	7.49	1.63	.79	.21*	.16	.20	.52
938	7.11	1.78	.44	.19*	.23	.20	.75
939	6.29	1.93	.85	.02	.14	-.00	.60
940	7.91	1.29	.66	-.09	-.08	-.11	.82
941	5.91	2.45	.85	-.02	.08	-.05	.66

* P < .05

APPENDIX B

1. My child would not be more willing to see a counselor or therapist.
2. My child is more likely to do well in school.
3. My child is less easily insulted.
4. My child is happy.
5. My child has higher goals.
6. My child is less trusting of people.
7. My child worries less.
8. My child now seems to regard himself less as a "special" or gifted person.
9. My child is depressed more often.
10. My child feels sorry for himself more often.
11. My child asks more questions.
12. My child is less fussy about details.
13. My child is more self-centered.
14. My child is more like others his own age.
15. My child is more prejudiced.
16. My child's moods are less intense.
17. My child is more playful.
18. My child is less understanding.
19. My child is more concerned over psychological jokes.
20. My child feels more hostility.
21. My child has become more dependent upon a counselor or therapist.
22. My child tends less to adopt the attitudes of the counselor or therapist.
23. My child shares his possessions more.
24. My child is less possessive.
25. My child more often sticks with a task despite difficulties.
26. My child is less interested in physical pleasures.
27. My child tries less to be a comic.
28. My child is more open to suggestion.
29. My child is easier to please.
30. My child sucks his thumb less.
31. My child is able to study better.
32. My child is less likely to develop bad habits.
33. My child is more obedient.
34. My child "goofs off" less.
35. My child mentions fewer dislikes.
36. My child walks in his sleep less.
37. My child less frequently withholds information about himself.
38. My child is more irritable.
39. My child enjoys family-type television programs less.
40. My child is more likely to recite in class.
41. My child has less will power.
42. My child has lost weight.
43. My child's sexual behavior is worse.
44. My child laughs more.
45. My child is more interested in babyish things.
46. My child is more likely to be angry with his parents for arranging counseling or therapy for him.
47. My child tends to show less affection for his parents.
48. My child is less afraid to go to school.
49. My child prefers adult company less.
50. My child is more at ease in a group.
51. My child is more likely to get along with people.
52. My child is more likely to desire the companship of children his own age rather than adults.
53. My child is less likely to ask his teacher for help.
54. My child is more suspicious of others.

55. My child is more likely to volunteer for group projects.
56. My child is less likely to give up his gang.
57. My child gets closer to people (in space).
58. My child is less emotionally disturbed.
59. My child is more likely to be sullen.
60. My child acts more childish.
61. My child is less likely to bite people.
62. My child is more likely to consider counseling or therapy a waste of time.
63. My child is more aware of his surroundings.
64. My child shows less interest in his future.
65. My child accepts disappointments less easily.
66. My child laughs less when there is no joke.
67. My child is less able to sleep alone.
68. My child tends to shout or scream less when angry.
69. My child is more likely to be aware of a personal problem should it arise in the future.
70. My child is more likely to excell in social activities.
71. My child is less resentful when asked about his therapy experience.
72. My child feels less adequate.
73. My child seems less preoccupied with psychological problems.
74. My child seems to feel less tense and pressured.
75. My child is less able to believe in the good intentions of others.
76. My child is more destructive.
77. My child seems less self-conscious.
78. My child shows his feelings more.
79. My child cannot concentrate as easily.
80. My child tries more to understand why he behaves as he does.
81. My child has a less pleasant personality.
82. My child is more tolerant of the differences and faults of others.
83. My child is less self-reliant.
84. My child's school grades have improved.
85. My child becomes bored less frequently.
86. My child has greater feelings of guilt.
87. My child is less able to be reasoned with.
88. My child trusts doctors more.
89. My child is less able to convey his feelings to others.
90. My child acts less like a bully with other children.
91. My child is less open to the ideas of others.
92. My child laughs more often.
93. My child is worse at following instructions.
94. My child criticizes others less.
95. My child exaggerates less.
96. My child changes his hair or clothing style more frequently.
97. My child talks about himself more.
98. My child has quicker movements.
99. My child finds school work less interesting.
100. My child is more self-conscious.
101. My child is more grouchy.
102. My child seems more intelligent.
103. My child appreciates less the simpler things in life.
104. My child east fewer sweet foods.
105. My child has fewer bad habits.
106. My child is less domineering.
107. My child cries more.
108. My child takes more pride in his appearance.
109. My child is less polite.
110. My child's physical health is worse.

111. My child talks to himself less.
112. My child is more likely to rebel against his parents.
113. My child does not mix as well with people he has just met.
114. My child is more sincere with others.
115. My child is less critical of his parents.
116. My child is more active in groups.
117. My child is less likely to stand up to others.
118. My child likes his teachers less.
119. My child is more likely to notice faults in others.
120. My child is more likely to notice faults in others.
121. My child is more likely to participate in a gang.
122. My child is less likely to show dislike for someone or some group.
123. My child finds it easier to talk to older persons.
124. My child is more likely to think before acting.
125. My child's habits are less changeable.
126. My child is less likely to put off doing things.
127. My child is less likely to develop his talents.
128. My child would enjoy additional counseling or therapy sessions.
129. My child is more confused.
130. My child is more worried about his lack of self-control.
131. My child masturbates or "plays with himself" more.
132. My child speaks more often of his school friends.
133. My child spends more time sleeping during the day.
134. My child is more likely to come when called.
135. My child is less able to sleep without a light.
136. My child is more likely to have a happy look on his face.
137. My child shows improvement in the behaviors which brought about counseling or therapy.
138. My child is more likely to want to be a counselor or therapist.
139. My child is more likely to excell in athletic activities.
140. My child's fears have increased.
141. My child is less resentful of being asked questions by others.
142. My child tends to be more realistic about himself and his problems.
143. My child is more pessimistic.
144. My child seems more independent in thoughts and actions.
145. My child is lonelier.
146. My child thinks better things about himself.
147. My child is more excitable.
148. My child spends less time and energy in defending his actions.
149. My child thinks less about others.
150. My child feels more as if he is a part of what is going on around him.
151. My child is less organized and orderly.
152. My child is more punctual.
153. My child spends less time by himself.
154. My child frequently goes back to his old ways of behaving in order to gain attention.
155. My child feels less inferior to others his age.
156. My child relizes more his need for his parents.
157. My child acts more like other members of his same sex.
158. My child thinks of counseling or therapy as less of a joke.
159. My child is truant more often.
160. My child fights less.
161. My child tends more to ignore rules.
162. My child cannot move as well as he used to.
163. My child takes better care of his toys.
164. My child speaks less often in a soft voice.

165. My child is more careful with his spending money.
166. My child tries less to fulfill obligations.
167. My child watches television more.
168. My child is less interested in taking music lessons.
169. My child is more likely to face problems realistically.
170. My child exercises less.
171. My child is less stubborn.
172. My child is less likely to reject help in the future.
173. My child has fewer temper tantrums.
174. My child makes fewer childlike responses.
175. My child has a greater sense of security.
176. My child's vocabulary is increasing at a slower rate.
177. My child is more likely to hoard certain objects.
178. My child has more trouble remembering.
179. My child talks more.
180. My child's actions are now less consistent with his values.
181. My child bites his fingernails more.
182. My child is less concerned about his appearance.
183. My child more often expects special treatment at school.
184. My child tends to be less sarcastic.
185. My child likes meeting new people more.
186. My child is less sociable.
187. My child is less likely to drop old friends.
188. My child is more likely to think his parents don't care.
189. My child is a poor member of the family.
190. My child shows less aggression toward teachers.
191. My child is less mature in his opinions of others.
192. My child is less reluctant to discuss therapy or counseling with friends.
193. My child tends to associate with older children more.
194. My child is easier to get to know.
195. My child is more likely to reject others' help as pity.
196. My child is more likely to be an observer rather than a participant in groups.
197. My child is more likely to run away from home.
198. My child talks more often when his mouth is full of food.
199. My child worries less about small problems.
200. My child is less concerned about saying the "right" thing.
201. My child is more likely to feel inferior.
202. My child is less extreme in his actions.
203. My child behaves less like a person of his same sex.
204. My child uses fewer bad words.
205. My child is more apt to "talk back".
206. My child says "I like" more often.
207. My child is less likely to help care for younger brothers and sisters.
208. My child experiences fewer irrational thoughts and ideas.
209. The main problem for which we sought therapy or counseling has cleared up.
210. My child is less creative.
211. My child now thinks more highly of himself.
212. My child has more feelings of being overprotected.
213. My child is bothered less by ridicule.
214. My child is more consistent in his thinking.
215. My child's moral behavior is worse.
216. My child seems to take life more seriously.
217. My child is more extreme in his opinions and behavior.
218. My child is more alert.

219. My child seems to feel less secure.
220. My child is more humble.
221. My child enjoys the rain less.
222. My child is less honest.
223. My child tends to use more common sense.
224. My child tries more to impress others.
225. My child is not as nervous now.
226. My child tries less to behave himself.
227. My child will now eat different foods.
228. My child is bothered more by teasing.
229. My child tries less to be the center of attention.
230. My child tries less to be like his counselor or therapist.
231. My child tends more to love a pet or toy.
232. My child is less cooperative.
233. My child is more straightforward.
234. My child has less confidence in his own solutions to problems.
235. My child's speech is improved.
236. My child is less tolerant of people he dislikes.
237. My child is less likely to hurt himself intentionally.
238. My child is less likely to get a job.
239. My child is more practical.
240. My child shares his feelings less.
241. My child tends to avoid "touchy" subjects more.
242. My child appears less likely to become a juvenile delinquent.
243. My child is more energetic.
244. My child would be less likely to wear shorts in the summer.
245. My child asks for fewer gifts.
246. My child talks more hatefully.
247. My child is more likely to have new hobbies.
248. My child acts less responsible.
249. My child rebels less against doing chores.
250. My child is less able to learn and remember what he has learned.
251. My child reads more.
252. My child is more aggressive.
253. My child assumes more responsibility.
254. My child expresses himself more freely.
255. My child's appetite has improved.
256. My child is less dependent upon his parents.
257. My child is more likely to play group games.
258. My child is less likely to take revenge on his parents.
259. My child avoids others more.
260. My child tries less to make friends.
261. My child is more likely to accept the things that his parents prefer.
262. My child is less likely to look people in the eye.
263. My child spends more time with his father.
264. My child responds more slowly to new people.
265. My child seems more artificial to others.
266. My child is more inhibited in his relations with others.
267. My child is less interested in his brothers and sisters.
268. My child has chosen a new set of friends.
269. My child tends to avoid people more.
270. My child is less likely to destroy things.
271. My child spends less time playing.
272. My child talks more clearly.
273. My child finds it more difficult to talk to people he dislikes.

274. My child is less likely to withhold information from a therapist or counselor.
275. My child has greater contact with reality.
276. My child spends less time with other children his age.
277. My child is more likely to deny himself immediate satisfaction in order to reach a long range goal.
278. My child tells more lies.
279. My child says "No" less often.
280. My child says "I hate" more often.
281. My child has less trouble getting along with his brothers and sisters.
282. My child is less likely to take his feelings out on an object rather than a person.
283. My child spends more time standing around doing nothing.
284. My child would dread the thought of returning to see a counselor or therapist more.
285. My child is less likely to do well in school.
286. My child is more easily disappointed.
287. My child resents more being asked about his counseling or therapy experience.
288. My child has lowered his goals.
289. My child seems more concerned with aches, pains and other bodily problems.
290. My child is more likely to worry.
291. My child seems less depressed.
292. My child seems more self-conscious.
293. My child asks fewer questions.
294. My child can concentrate more easily.
295. My child is less self-centered.
296. My child has a more pleasant personality.
297. My child is less prejudiced.
298. My child is more self-reliant.
299. My child is less playful.
300. My child is more easily bored.
301. Psychological jokes bother my child less.
302. My child is easier to reason with.
303. My child is less dependent upon a counselor or therapist.
304. My child is better able to express his feelings to others.
305. My child shares his possessions less.
306. My child is more open to suggestions.
307. My child is less able to stick to a task.
308. My child is better at following instructions.
309. My child tries more to be the comic or "clown".
310. My child exaggerates more.
311. My child is harder to please.
312. My child talks less about himself.
313. My child studies less.
314. My child finds school work more interesting.
315. My child is less obedient.
316. My child is less grouchy.
317. My child voices more dislikes.
318. My child appreciates more the simpler things in life.
319. My child walks in his sleep more.
320. My child is more likely to keep his bad habits.
321. My child is less irritable.
322. My child cries less.
323. My child is less likely to recite in class.
324. My child is more polite.
325. My child has gained weight.

326. My child's physical health is better.
327. My child laughs less.
328. My child is less likely to be angry with his parents for arranging counseling or therapy for him.
329. My child mixes better with people he doesn't know.
330. My child is more afraid to go to school.
331. My child is more critical of his parents.
332. My child is less at ease in a group.
333. My child is more likely to stand up for his own rights.
334. My child likes his teachers more.
335. My child is less likely to want to be with other children rather than adults.
336. My child is less likely to tell others their faults.
337. My child is more likely to show dislike for someone or some group.
338. My child is less likely to volunteer for group projects.
339. My child stays farther away from people (in space).
340. My child is more disturbed.
341. My child is more changeable.
342. My child is more likely to develop his talents.
343. My child is more likely to bite people.
344. My child is less confused.
345. My child is less sensitive to what is going on around him.
346. My child masturbates (plays with himself) less.
347. My child spends less time sleeping during the day.
348. My child laughs more when there is no joke.
349. My child is more able to sleep without a light.
350. My child is more likely to seek professional help with future problems.
351. My child is less likely to do well in social activities.
352. My child is less fearful.
353. My child is more resentful of being asked questions by others.
354. My child feels more adequate.
355. My child is more optimistic.
356. My child seems to be more tense and pressured.
357. My child is less lonely.
358. My child is less likely to tear things up.
359. My child is less likely to get excited.
360. My child is less emotionally responsive.
361. My child has become more interested in others, and spends more time with them.
362. My child tries less to figure out why he does things.
363. My child is better organized and more orderly.
364. My child is less understanding and accepting of others.
365. My child spends more time by himself.
366. My child's school grades have fallen.
367. My child feels more superior to others his same age.
368. My child has fewer feelings of guilt.
369. My child is more confident that he thinks and behaves as a person of his sex does.
370. My child trusts doctors less.
371. My child skips school less frequently.
372. My child is more bullyish.
373. My child tends less to break or ignore rules.
374. My child laughs less.
375. My child's coordination and body movement has improved.
376. My child downgrades others more.
377. My child now speaks in a softer voice.

378. My child tends less to change his hair or clothing style.
379. My child tries harder to meet his responsibilities.
380. My child has slower reaction time.
381. My child is more likely to take music lessons.
382. My child is less self-conscious.
384. My child seems less intelligent.
385. My child is more likely to reject help in the future.
386. My child eats more sweet foods.
387. My child tends to make more childlike responses.
388. My child shoplifts less frequently.
389. My child is more domineering.
390. My child's vocabulary seems larger.
391. My child takes less pride in his appearance.
392. My child has less trouble remembering.
393. My child's actions are now more consistent with his values.
394. My child talks to himself more.
395. My child is more concerned about his appearance.
396. My child is less likely to rebel against his parents.
397. My child is more sarcastic.
398. My child is less sincere with others.
399. My child is more sociable.
400. My child is less active in groups.
401. My child is less likely to think his parents don't care.
402. My child is a better family member.
403. My child is less likely to notice faults in others.
404. My child is less petty in his opinions of others.
405. My child is less likely to participate in a gang.
406. My child plays with older children less.
407. My child finds it more difficult to talk to older persons.
408. My child less frequently rejects the help of others because he thinks they are pitying him.
409. My child is less likely to run away from home.
410. My child more often thinks before acting.
411. My child talks less with his mouth full of food.
412. My child "puts things off" more.
413. My child would not look forward to future counseling or therapy sessions.
414. My child feels less inferior.
415. My child is less worried about his lack of self-control.
416. My child is more interested in activities which interest people of his same sex.
417. My child speaks less frequently of his school friends.
418. My child talks back less.
419. My child is less likely to come when called.
420. My child helps to care for his younger brothers and sisters more often.
421. My child is less likely to smile.
422. The main problem which brought about therapy or counseling has worsened.
423. My child is more creative.
424. My child excells less in athletic activities.
425. My child feels less overprotected.
426. My child is more affected by the teasing of the other children.
427. My child tends to be less realistic about himself and his problems.
428. My child has higher morals.
429. My child seems less independent in thoughts and actions.
430. My child is more conservative.
431. My child thinks less of himself.

432. My child feels more secure.
433. My child spends more time and energy in defending his actions.
434. My child enjoys the rain more.
435. My child feels less as though he is part of the world.
436. My child is more concerned with the welfare of others.
437. My child is more likely to be late.
438. My child becomes confused more often.
439. My child goes back less to his old way of behaving in order to gain attention.
440. My child holds fewer grudges.
441. My child feels he has less need for his parents.
442. My child daydreams more often.
443. My child thinks of therapy or counseling as a joke less.
444. My child is more kind to animals.
445. My child fights more.
446. My child participates more in sports where he has to compete with others.
447. My child shakes and quivers less.
448. My child takes less care of his toys.
449. My child smiles more.
450. My child is more careless with his spending money.
451. My child has fewer headaches.
452. My child watches television less.
453. My child resents criticism less.
454. My child faces problems less realistically.
455. My child has more self-control.
456. My child is more stubborn.
457. My child offers to help others more.
458. My child has more temper tantrums.
459. My child is not as lazy.
460. My child feels more insecure.
461. My child spends less time talking about meaningless topics.
462. My child hoards certain objects less.
463. My child is nicer to people.
464. My child finds it easier to get up in the morning.
465. My child bites his fingernails less.
466. My child expects more special treatment at home.
467. My child is more likely to doubt that others are really his friends.
468. My child likes meeting new people less.
469. My child enjoys playing with other children more.
470. My child is more likely to drop old friends.
471. My child examines the motives of others more.
472. My child spends more time with his mother.
473. My child is more aggressive with teachers.
474. My child seems to enjoy our expressions of love more.
475. My child discusses therapy with friends less.
476. My child refuses to play with others less.
477. My child is harder to get to know.
478. My child fights back more.
479. My child participates more in groups.
480. My child gets tired more easily.
481. My child worries more about small problems.
482. My child is less likely to steal.
483. My child is more concerned with saying the "right" thing.
484. My child is more accepting of his problems.
485. My child is more extreme in his actions.
486. My child is less concerned about hurting himself.
487. My child uses more bad words.

488. My child brings his friends home more often.
489. My child says "I like" less frequently.
490. My child is more open to criticism.
491. My child has more strange thoughts and ideas.
492. The main problem for which therapy or counseling was sought has worsened.
493. My child is more likely to commit suicide.
494. My child is more sensitive.
495. My child has more "ups and downs" in his moods.
496. My child is more satisfied with his surroundings.
497. My child is less disturbed by books and movies dealing with mental problems.
498. My child is less resentful of his social status.
499. My child is bothered more by inconsiderate people.
500. My child is less timid.
501. My child is less hostile.
502. My child is less likely to keep his problems to himself.
503. My child is not as sensitive to criticism.
504. My child is better at paying attention.
505. My child is less predictable.
506. My child is more likely to act before he thinks.
507. My child is less cheerful.
508. My child has become more religious.
509. My child thinks he is crazy less.
510. My child's attitude toward authority is better.
511. My child is less able to accept his parents' scolding.
512. My child has more bad things to say about his counselor's or therapist's appearance.
513. My child's attitude toward members of the opposite sex has improved.
514. My child rebels more against advice.
515. My child is better able to handle new situations.
516. My child is less carefree.
517. My child eats fewer snacks.
518. My child reads fewer books and articles on psychology.
519. My child participates more in class.
520. My child's bladder control is worse.
521. My child fidgets less.
522. My child talks less freely about therapy.
523. My child is more trusting.
524. My child tends to work less with his hands.
525. My child has fewer bad dreams.
526. My child is less crude and vulgar in his speech and actions.
527. My child spends less time with others.
528. My child is less able to entertain himself.
529. My child is less cynical.
530. My child places more blame for his failures on illness.
531. My child is more willing to do his homework.
532. My child's personal habits are more annoying.
533. My child is more capable of expressing how he feels.
534. My child has poorer toilet habits.
535. My child is more likely to be a good driver.
536. My child stutters more.
537. My child is more likely to resent attempts to help him.
538. My child does more name-calling.
539. My child competes more in games and work.
540. My child is less considerate of others' feelings.
541. My child is fairer to his playmates.

542. My child wants to be alone less.
543. My child is less likely to hate people in authority.
544. My child is more upset when parents leave for a short time.
545. My child thinks he smells strange or unreal odors less frequently.
546. My child forms closer friendships.
547. My child is more eager to help his father.
548. My child plays more with persons of his same sex.
549. My child has less desire to drink alcoholic beverages.
550. My child is concerned with germs more.
551. My child sleeps to excess more often.
552. My child is harder to live with.
553. My child is less likely to get sick.
554. My child is now more likely to resist going to see a counselor or therapist.
555. My child has changed more of his ideas of right and wrong.
556. My child complies less with the demands of his parents.
557. My child complains less about minor ailments.
558. My child hears non-existent noises less frequently.
559. My child asks "Why?" more often.
560. My child is less spontaneous.
561. My child does better in meeting and talking to people.
562. My child makes more demands of people.
563. My child is less likely to become a counselor or therapist.
564. My child thinks less highly of himself.
565. My child is less afraid to get dirty.
566. My child is more satisfied with himself.
567. My child's ideas change more from day to day.
568. My child's moral values are higher.
569. My child seems to take life more seriously.
570. My child feels like things are crawling on his skin less frequently.
571. My child is less alert.
572. My child has more excessive appetite.
573. My child is less humble.
574. My child notices more of what is going on around him.
575. My child is more honest.
576. My child is less likely to see things which are really not there.
577. My child tries less to impress others.
578. My child makes fewer strange and peculiar faces.
579. My child tries harder not to misbehave.
580. My child picks his nose less.
581. My child minds teasing less.
582. My child daydreams less frequently.
583. My child shoplifts more.
584. My child is less kind to his pets.
585. My child has less of a weight problem.
586. My child participates less in sports.
587. My child has more confidence in his own ability to solve problems.
588. My child engages in sexual play with other children less.
589. My child is more tolerant of persons he dislikes.
590. My child smiles less.
591. My child is more likely to get a job.
592. My child has more headaches.
593. My child shares his feelings more.
594. My child thinks other people are "out to get him" more.
595. My child is more likely to become a juvenile delinquent.
596. My child has less self-control.

597. My child is more likely to wear shorts in the summer.
598. My child is more likely to feel guilty when he does something wrong.
599. My child gets closer to people (in feeling)
600. My child gets into less trouble in school.
601. My child is more respectful to adults.
602. My child slurs his words less.
603. My child makes fewer strange statements.
604. My child is more often late.
605. My child is more controllable.
606. My child acts less silly.
607. My child expresses himself less freely.
608. My child no longer has the main problem which brought about counseling or therapy.
609. My child is less likely to doubt that others are really his friends.
610. My child takes out more revenge on his parents.
611. My child enjoys playing with other children less.
612. My child is more likely to evaluate things as they really are.
613. My child speaks more slowly.
614. My child looks people in the eye more often.
615. My child spends less time with his mother.
616. My child responds more quickly to new people.
617. My child has fewer odd and peculiar ideas.
618. My child behaves less like a person of his same sex.
619. My child more often refuses to play with others.
620. My child is more interested in his brothers and sisters.
621. My child's ideas make more sense.
622. My child looks at people more when he talks to them.
623. My child spends more time playing.
624. My child gets tired less quickly.
625. My child has more desire to drink alcoholic beverages.
626. My child is less concerned with illness.
627. My child is less sexually attracted to people of his same sex.
628. My child is more aware of the feelings of others.
629. My child stares into space less.
630. My child tells fewer lies.
631. My child gets in the corner less.
632. My child reads horror magazines less.
633. My child is less open to criticism.
634. My child is more likely to direct anger toward objects rather than persons.
635. My child spends less time just standing around doing nothing.
636. My child has a better chance to succeed in his chosen profession.
637. My child is less sensitive.
638. My child dresses more like a person of his same sex.
639. My child is less interested in TV programs that show violence and aggression.
640. My child is less interested in monsters.
641. My child's moral values are lower.
642. My child is bothered more by inconsiderate people.
643. My child is less able to understand the causes of his problems.
644. My child is more hostile.
645. My child thinks he smells strange or unreal odors more frequently.
646. My child forms fewer close friendships.
647. My child plays less with persons of his same sex.
648. My child developed no new problems since completing counseling or therapy.
649. My child shows less concern for others.
650. My child is more cheerful.
651. My child is more nervous.

652. My child more often thinks he is crazy.
653. My child eats fewer foods.
654. My child is more accepting of his parents' criticism.
655. My child wants more to be the center of attention.
656. My child says fewer bad things about his counselor or therapist's appearance.
657. My child loves his pets and toys less.
658. My child hears non-existent noises more frequently.
659. My child is less straightforward.
660. My child is more carefree.
661. My child's speech is poorer.
662. My child reads more books and articles on psychology.
663. My child is less in need of tranquilizing medicine.
664. My child sleeps to excess less.
665. My child thinks other people are "out to get him" less.
666. My child talks more freely about counseling or therapy.
667. My child tends less to avoid "touchy" subjects.
668. My child works more with his hands.
669. My child has less energy.
670. My child feels like things are crawling on his skin more frequently.
671. My child has less excessive appetite.
672. My child is less controllable.
673. My child has more tics and twitches.
674. My child less often blames his failures on illness.
675. My child rebels more against doing chores.
676. My child is more likely to see things which are really not there.
677. My child reads less.
678. My child makes more strange and peculiar faces.
679. My child takes less responsibility.
680. My child picks his nose more.
681. My child has a poorer appetite.
682. My child does less "name-calling".
683. My child is less likely to play group games.
684. My child is more considerate of others' feelings.
685. My child avoids others less.
686. My child wants to be along more.
687. My child engages in sexual play with other children more.
688. My child is less upset when parents leave for a short time.
689. My child seems less artificial to others.
690. My child is more likely to resent outside interference in his personal life.
691. My child is warmer in his personal relationships.
692. My child is less likely to choose a new group of friends.
693. My child has better eating habits.
694. My child destroys more things.
695. My child is less shy.
696. My child gets less close to people (in feelings).
697. My child is less likely to feel guilty when he does something wrong.
698. My child talks more like a person of his same sex.
699. My child gets into more trouble in school.
700. My child is less respectful to adults.
701. My child slurs his words more.
702. My child makes more strange statements.
703. My child makes more decisions on his own.
704. My child is more in need of tranquilizing medicine.
705. My child is more calm.

706. My child still has the main problem which brought about counseling or therapy.
707. My child is less likely to commit suicide.
708. My child is more easily insulted.
709. My child has more "ups and downs".
710. My child is less likely to evaluate things as they really are.
711. My child speaks less slowly.
712. My child's moral values are lower.
713. My child is bothered more by the amount of money his parents earn.
714. My child takes life less seriously.
715. My child has more odd and peculiar ideas.
716. My child is more timid.
717. My child is not as lonely.
718. My child feels less sorry for himself.
719. My child's ideas make less sense.
720. My child looks at people less when he talks to them.
721. My child does not pay attention as well as he used to.
722. My child conforms more.
723. My child is less likely to act before he thinks.
724. My child's moods are stronger and more intense.
725. My child is less aware of the feelings of others.
726. My child walks more like a person of his same sex.
727. My child plays more with children of his own age rather than children older or younger.
728. My child stares into space more.
729. My child gets in the corner more.
730. My child reads horror magazines more.
731. My child now tends to think like his counselor or therapist more.
732. My child's attitude toward people of the opposite sex is worse.
733. My child is less likely to share.
734. My child is less able to handle new situations.
735. My child uses more physical pleasure as an emotional outlet.
736. My child dresses less like a person of his same sex.
737. My child is more interested in TV programs that show violence and aggression.
738. My child is more interested in monsters.
739. My child sucks his thumb more.
740. My child is more fidgety.
741. My child is more likely to develop bad habits.
742. My child avoids "touchy" subjects less often.
743. My child is more suspicious of others.
744. My child "goofs off" more.
745. My child has more bad dreams.
746. My child has developed new problems since completing counseling or therapy.
747. My child keeps more secrets about himself.
748. My child has more confidence in people.
749. My child enjoys family-type television programs more.
750. My child is more concerned with illness.
751. My child can pay attention for a shorter period of time.
752. My child is easier to get along with.
753. My child is less willing to do his homework.
754. My child has more will power.
755. My child is less able to express how he feels.
756. My child's sexual behavior is better.

757. My child is less likely to be a good driver.
758. My child is displeased with attempts to help him.
759. My child tends to expect less special treatment at school.
760. My child shows more affection for his parents.
761. My child competes less in games and work.
762. My child prefers adult company more.
763. My child is not as fair to his playmates as he used to be.
764. My child is less likely to get along with people.
765. My child is with others and talks to them more.
766. My child acts more like a child his age.
767. My child is harder to get along with.
768. My child is less calm.
769. My child is less suspicious of others.
770. My child is less eager to help his father.
771. My child is more likely to give up his gang.
772. My child is less likely to need an object (such as a teddy bear or blanket) for security.
773. My child shows less interest in strangers.
774. My child is less likely to be sullen.
775. My child seems more adult.
776. My child is less sensitive to criticism.
777. My child gets himself into less dangerous situations.
778. My child is less likely to change his ideas of right and wrong.
779. My child shows greater interest in his future.
780. My child complains more about minor ailments.
781. My child masturbates or "plays with himself" more.
782. My child accepts disappointments more easily.
783. My child asks "Why?" less frequently.
784. My child is more able to sleep alone.
785. My child is less able to meet and talk with people.
786. My child has fewer tics and twitches.
787. My child acts less like a child his age.
788. My child has more trouble concentrating.
789. My child is less able to accept himself as a person who is unique or special.
790. My child believes more in the good intentions of others.
791. My child participates less in class.
792. My child is less interested in babyish things.
793. My child expects less special treatment at home.
794. My child is less able to sleep alone.
795. The main problem for which therapy or counseling was sought has worsened.
796. My child talks less like a person of his same sex.
797. My child is more sensitive to criticism.
798. My child is more often sick to his stomach.
799. My child gets himself into more dangerous situations.
800. My child is more easily beaten in an argument.
801. My child is more likely to do dangerous things for a thrill.
802. My child has more of a weight problem.
803. My child can pay attention for a longer period of time.
804. My child acts sillier.
805. My child is less easily embarrassed.
806. My child asks people for advice more often.
807. My child is more likely to have make-believe friends.
808. My child gives up quicker when things go wrong.
809. My child likes his baths more.
810. My child is more likely to talk to strangers in trains and buses.
811. My child enjoys the excitement of a crowd more.

812. My child appears less set in his ways.
813. My child is less fearful of handling money.
814. My child drinks more water.
815. My child has deeper feelings.
817. My child is more likely to want to visit places where he has never been before.
818. My child feels less that he has been punished without cause.
819. My child worries more about his body and health.
820. My child sticks to tasks longer.
821. My child is less easily awakened by noise.
822. My child has more fits of crying which he cannot control.
823. My child minds being made fun of more.
824. My child has less trouble making up his mind.
825. My child is more likely to speak to people first.
826. My child walks less like a person of his same sex.
827. My child plays less with children his own age rather than children older or younger.
828. My child becomes frightened less often.
829. My child reacts less in a stereotyped manner.
830. My child is more nervous when he has to wait.
831. My child is less likely to poke fun at people.
832. My child more often forgets where he puts things.
833. My child is less often late.
834. My child is more sexually attracted to people of his same sex.
835. My child has less trouble concentrating.
836. My child has fewer dreams.
837. My child acts less like his relatives.
838. My child feels that others are taking more advantage of him
839. My child makes fewer decisions on his own.
840. My child rebels less against advice.
841. My child better understands the causes of his frustration.
842. My child is more crude and vulgar in speech and actions.
843. My child uses less common sense.
844. My child's personal habits are less annoying now.
845. My child becomes confused less easily.
846. My child has better toilet habits.
847. My child holds more grudges.
848. My child stutters less.
849. My child identifies more with a counselor or therapist.
850. My child quivers and shakes more.
851. My child spends less time with his father.
852. My child offers to help others less.
853. My child is easier to live with.
854. My child is lazier.
855. My child is less likely to resist going to see a counselor or therapist.
856. My child is more responsible.
857. My child has less contact with reality.
858. My child spends more time talking about meaningless topics.
859. My child is more willing to go along with the demands of his parents.
860. My child is more dependent on his parents.
861. My child is more predictable.
862. My child makes fewer demands of people.
863. My child is less antisocial.
864. My child tries less to figure out why other people do things.
865. My child is better able to trust people.
866. My child holds back more in his relations with others.
867. My child is more concerned about getting dirty.

868. My child eats more snacks.
869. My child finds it easier to talk to people he does not like.
870. My child carries objects (such as a teddy bear or blanket) with him for security more.
871. My child is more understanding.
872. My child is more afraid of using a knife or anything sharp or pointed.
873. My child is colder in his personal relationships.
874. My child notices less of what is going on around him.
875. My child is less nervous.
876. My child resents outside interference in his personal life less.
877. My child is more sensitive to criticism.
878. My child talks less hatefully.
879. My child talks less clearly.
880. My child is better able to learn and retain.
881. My child spends less time with his father.
882. My child tries harder to make friends.
883. My child seems less satisfied with his surroundings.
884. My child does less in return when we express our love.
885. My child takes life less seriously.
886. My child fights back less.
887. My child tends to keep his problems to himself less.
888. My child likes to play in groups more.
889. My child is fussier about details.
890. My child spends more time with children his age.
891. My child is less religious.
892. My child is more concerned with hurting himself.
893. My child's attitude toward people in authority is worse.
894. My child brings home fewer friends.
895. My child feels less anger and hostility.
896. My child says "I hate" less often.
897. My child likes going to school less.
898. My child seems less satisfied with himself.
899. My child is less able to take suggestions.
900. My child is bothered more by books and movies dealing with mental problems.
901. My child takes part in class more.
902. My child is more often sick.
903. My child has more fits of laughing which he cannot control.
904. My child is less likely to consider counseling or therapy a waste of time.
905. My child likes poetry better.
906. My child shows more interest in strangers.
907. My child is more likely to steal.
908. My child more often hurts himself intentionally.
909. My child says "no" more often.
910. My child has more trouble with his brothers and sisters.
911. My child has poorer eating habits.
912. My child is more likely to conceal things from the counselor or therapist.
913. My child cries less.
914. My child smiles less.
915. My child is less likely to have new hobbies.
916. My child's bladder control is better.
917. My child is more shy.
918. My child asks for more gifts.
919. My child has fewer feelings that others do not treat him right.
920. My child is more likely to hate people with authority.
921. My child has a greater tendency to shout when angry.

922. My child cooperates more.
923. My child cries more easily.
924. My child is less accepting of his problems.
925. My child likes fewer foods.
926. My child is less practical.
927. My child is more resentful of criticism.
928. My child is less upset about having to wear clothes he dislikes.
929. The main problem which brought about therapy has worsened.
930. My child thinks of himself more often as a special or uniquely endowed person.
931. My child is more likely to ask his teacher for help.
932. My child has more energy.
933. My child is less good natured.
934. My child likes to play more practical jokes.
935. My child has fewer temper tantrums.
936. My child is less aggressive.
937. My child is better able to play by himself.
938. My child is more spontaneous.
939. My child is more like his relatives.
940. My child is full of energy more often.
941. My child has more difficulty getting up in the morning.

APPENDIX C

Judges' Ratings of Therapeutic Success for Children of Respondents

Case No.	Judge 1	Judge 2	Judge 3	Mean
		Validation Sample		
101	3.0	3.5	2.0	2.83
102	2.0	1.5	1.0	1.50
103	2.0	3.5	3.5	3.00
106	2.0	2.5	2.5	2.33
108	3.5	2.5	4.0	3.33
115	2.5	2.0	2.5	2.33
116	2.5	4.0	3.0	3.17
117	1.5	1.0	1.5	1.33
119	3.5	3.0	3.0	3.17
123	3.0	2.0	2.5	2.50
125	4.0	3.0	3.5	3.50
127	4.0	2.0	4.0	3.33
128	2.0	2.0	3.0	2.33
132	1.0	1.0	2.0	1.33
135	3.0	3.0	2.5	2.83
138	2.0	1.5	2.0	1.83
139	3.5	4.5	3.5	3.83
140	2.5	2.5	2.5	2.50
141	3.0	2.5	2.5	2.67
146	2.0	2.5	2.0	2.17
148	2.5	3.0	2.5	2.67
149	3.0	3.5	4.0	3.50
150	1.5	1.5	1.5	1.50
151	1.5	2.5	1.5	1.83
152	3.5	2.0	2.5	2.67
153	3.5	3.5	3.0	3.33
154	4.5	4.5	4.5	4.50
157	2.5	1.0	2.5	2.00
158	3.0	2.5	3.0	2.83
161	2.5	2.5	2.5	2.50

Case No.	Judge 1	Judge 2	Judge 3	Mean
		Cross-Validation Sample		
104	2.5	3.0	3.0	2.83
105	1.0	2.5	3.0	2.17
107	5.0	4.5	4.5	4.67
109	3.5	2.5	4.0	3.33
110	2.5	2.5	4.0	3.00
111	3.0	3.0	3.0	3.00
112	4.5	4.0	4.0	4.17
113	4.0	3.5	4.5	4.00
114	4.0	4.5	4.0	4.17
120	4.5	3.0	4.0	3.83
121	2.0	2.5	3.0	2.50
122	2.5	4.0	2.5	3.00
124	4.5	2.5	4.0	3.67
126	3.5	3.5	4.0	3.67
129	4.5	4.5	4.0	4.33
130	4.0	3.5	3.5	3.67
131	2.5	3.0	3.0	2.83
133	1.0	1.0	2.0	1.33
134	5.0	4.0	4.0	4.33
136	3.0	1.5	1.0	2.67
137	1.5	1.0	1.0	1.17
142	1.0	3.0	2.0	2.00
143	2.0	4.0	2.5	2.83
144	2.5	3.5	2.5	2.83
145	2.0	2.0	2.0	2.00
147	2.0	2.0	2.0	2.00
156	3.0	3.0	2.5	2.83
159	4.0	3.5	3.5	3.66
160	2.5	2.0	2.5	2.33

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